KENWOOD

Listen to the Future

ADVANCED WIRELESS COMMUNICATIONS

TK-7160(H)/8160(H)

Compact VHF/UHF FM Mobile Radios

FleetSync®

GENERAL FEATURES

- 25 / 50 W (136-174 MHz) Models
- 25 / 45 W (450-490 MHz) Models
- Conventional Zones
- 128 Channels / 128 Zones
- Single Priority Scan
- Single / Multi-Zone Scan
- 8-Character Alphanumeric Aliases
- Backlit LCD & Keys
- Function/Status LCD Icons
- Transmit /Busy / Call Alert LED
- 9 Programmable Function Keys
- Emergency / AUX Key
- Enhanced Kenwood Audio
- Front Panel Speaker
- Companded Audio
- Voice Inversion Scrambler Built-in
- Encryption / ANI Board Control
- Emergency Call Features
- QT / DQT
- Operator Selectable Tone
- Two-Tone Decode
- Single & Two-Tone Encode
- DTMF Encode / Decode[1]
- Special Alert Tone Patterns[2]
- Call Key[2]
- Busy Channel Lockout
- Time Out Timer
- Timed Power Off
- Accessory Interface Cable Option[4]
- 8 Programmable I/O Ports[4]
- Ignition Sense[5]
- Public Address / Horn Alert Option[6]
- MIL-Spec Standard Mic
- MIL-Spec 12-Key DTMF Mic Option
- Windows® Programming & Tuning[7]
- Front Panel Field-Program Mode
- Cloning
- MIL-STD-810 C/D/E/F

FleetSync®

- PTT ID Digital ANI
- Selective Call & Group Call
- Status Messaging
- Emergency Status
- Caller ID Display
- Input / Output Status Messages
- FleetSync® GPS Ready[8]
- Send GPS PF Key
- PTT ID & Emergency GPS Reporting[8]
- Ignition On/Off GPS Reporting[5, 8]

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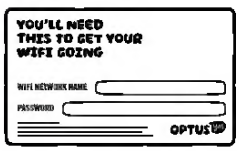
MAKE SURE YOU HAVE THESE BITS AND BOBS HANDY

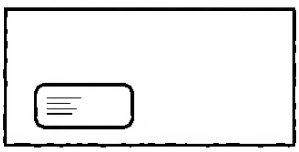
NBN WIFI MODEM

Heads-up: This modem will replace your existing modem (if you have one).

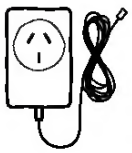
WIFI INFORMATION CARD



YOUR OPTUS WELCOME LETTER

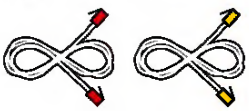


POWER ADAPTER



INSTALLATION GUIDE
(The thing you're reading)

ETHERNET CABLE × 2
(You'll only need the yellow one if you want to hook up your computer directly)



PHONE CABLE
(Again, only if you're connecting your home phone)

ADSL2+ LINE FILTER
(AKA bit you won't need if you have access to the NBN)

IMPORTANT INFORMATION FOR NBN CUSTOMERS: Equipment supplied requires mains power which may not be suitable if you have a serious illness or condition, require disability services, have a lock to base alarm, or require an uninterrupted telephone line, in which case, please give us a shout to discuss other options.

ON YOUR MARKS, GET SET...

DON'T JUMP THE GUN!
YOU NEED TO READ THIS BEFORE STARTING YOUR INSTALL.

HAS NBN FINISHED THE JOB?

In most cases, NBN will activate your Connection Box during installation. However, sometimes it takes a little longer, so it's a good idea to ask your NBN technician to confirm the status before they leave.

If you attempt your Self Install before the Connection Box is active, the lights on your Optus WiFi Modem won't flash (as described in Step 1, Part 4). If this is the case, just leave your modem connected. Once the Connection Box is activated, your modem will complete Step 1 automatically. When the modem lights have come on you can march on to Step 2.

If your NBN Connection Box has been inactive for more than three hours, give us a call on **1300 300 427** to check the status.

TRANSFERRING PHONE NUMBERS

If you are transferring your phone number to Optus from another carrier, it may take a day or two to complete if you started your self install outside the standard hours of 8.30am–4.45pm, Monday to Friday AEST.

You will be able to make calls once your modem is activated, however, you won't be able to receive calls to this number until the transfer is complete.

So to avoid any interruption, we recommend you stick to standard hours. Otherwise, we'll flick you an SMS to let you know when it's back on deck.

...GO!

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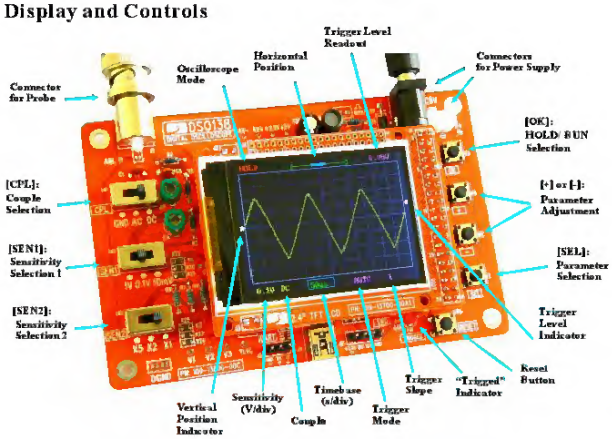
How to Use

Display and Controls



Connections

Power Supply: Connect DC power supply to J9 or J10. The power supply voltage must be in the range of 8 - 12V.

Probe: Connect probe to J1.

Attention

1. Power supply voltage must not exceed 12V. Otherwise U5 will get hot.
2. Allowed maximum signal input voltage is 50Vpk (100Vpp) with the chip probe.

Operations

Press on [SEL] button: Select parameter to be adjusted. The selected parameter will be highlighted.

Press on [+] or [-] button: Adjust the parameter selected by [SEL] button.

Press on [OK] button: Freeze waveform refresh (entering HOLD state). Press on it again will de-freeze.

Change [CPL] switch: Set couple to DC, AC, or GND. When GND is selected the scope input is isolated from input signal and connected to ground (0V input).

Change [SEN1] or [SEN2] switch: Adjust sensitivity. The product of [SEN1] and [SEN2] settings makes the actual sensitivity which is displayed at the lower-left corner of the panel.

Press on [Reset] button: Perform a system reset and re-boot to the oscilloscope.

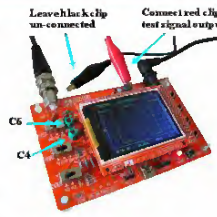
0V Line Alignment

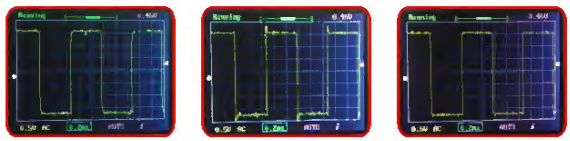
Sometimes you may find the 0V line (the trace corresponding to 0V input voltage) does not match with the VPOS indicator at the screen left border. This can easily be fixed by performing the "0V line alignment" function. First, set the couple switch [CPL] to GND position. Then press on [SEL] button to make VPOS indicator highlighed and hold down [OK] button for about 2 seconds. You will set the trace aligned to VPOS indicator when you release [OK] button. You may see some residue mismatch remains at the highest sensitivity settings. This is normal.

Probe Calibration

Because there is always some capacitance between scope input and ground probe needs to be calibrated to achieve better measurement results for high frequency signals. This can be done with the help of the built-in test signal. To do this please follow the steps below.

1. Connect the red clip to the test signal terminal and leave the black clip un-connected (see photo at right).
2. Set [SEN1] switch to 0.1V and [SEN2] switch to X5. Set [CPL] switch to AC or DC.
3. Adjust timebase to 0.2ms. You should see waveform similar to that shown in photos below. If traces are not stable adjust trigger level (the pink triangle on right screen border) so as you get a stable display.
4. Turn C4 (capacitor trimmer) with a small screw driver so that the waveform displays sharp rightangle (photo C).
5. Set [SEN1] switch to 1V and [SEN2] switch to X1 while keep all other settings unchanged. Adjust C6 so that sharp rightangle waveform is displayed.





A – Not enough B – Too much C – Good

Hints

The LED at bottom-right corner (labelled "TRIGGED") is the trigger indicator. It blinks when triggers are detected.

Triggers and Their Modes

Triggers are events that indicate signal voltage across a set level (i.e. trigger level) along a specified direction (i.e. trigger slope, rising or falling). Oscilloscope uses triggers as reference points in time for stable waveform display and measurements.

Auto Mode

In auto mode oscilloscope will perform display refresh no matter triggers happen or not. When triggers are detected waveform display will be displayed with reference to trigger points. Otherwise, display waveform at random reference points.

Normal Mode

In normal mode oscilloscope will only perform display refresh when there are triggers. If no triggers happen waveform display will stay unchanged.

Single Mode

Single mode is the same as normal mode except that oscilloscope will enter HOLD state after a trigger has been detected and waveform display has been updated.

Normal and single modes are useful for capturing sparse or single waveform.

Specifications	
Max real-time sample rate	1MSa/s
Analog bandwidth	0 -- 200KHz
Sensitivity range	10mV/div - 5V/div
Max input voltage	50Vpk (1X probe)
Input impedance	1Mohm//20pF
Resolution	12 bits
Record length	1024 points
Timebase range	500s/Div -- 10us/Div
Trigger modes	Auto, Normal, and Single
Trigger position range	50%
Power supply	9V DC (8 – 12V)
Current consumption	~120mA
Dimension	117 x 76 x 15mm
Weight	70 gram (without probe)

Tech Support: www.jyetech.com/forum

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- When removing from the socket, never pull the mains plug by the cable, instead take a hold of the plug.
- The height adjustable screw feet must never be removed.
- The plug must be accessible after installing the machine
- Manifold plugs, couplings and extension cables must not be used. Risk of fire from overheating!
- Do not spray down the appliance with jets of water. Risk of electric shock!
- Do not lean on the open door. The appliance may tip over.
- Once the drying cycle or ProSteam programme has been interrupted, the laundry and drum may be hot. Risk of burns! Take care when removing the laundry.
- Take care when interrupting the ProSteam programme: Do not open the machine door during the steam phase. Hot steam may result in burns. The display shows a message to indicate the steam phase.
- The final part of a drying cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.
- ⚠ Caution – Hot surface:

  Do not touch the back of the appliance while it is operating.

⚠ **WARNING!**
Never stop a tumble dry before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated. Risk of fire!

- **Risk of electric shock!** Do not spray down the appliance with jets of water.

Installation

- Note the "Installation" instructions.
- **Important!** Appliance must be moved in vertical position for transport.
- This appliance is heavy. Care should be taken when moving it.
- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All packing must be removed before use. Serious damage can occur to the product and to property if this is not adhered to. See relevant section in the user manual.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable.
- If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely under the appliance.
- After having installed the appliance, check that it is not pressing or standing on its electrical supply cable.
- If the tumble dryer is placed on top of a washing machine, it is compulsory to use the stacking kit (optional accessory).

Use

- The appliance is intended for drying and steam treatment of standard laundry in domestic applications.
- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Only wash fabrics which are designed to be machine dried. Follow the instructions on each garment label.

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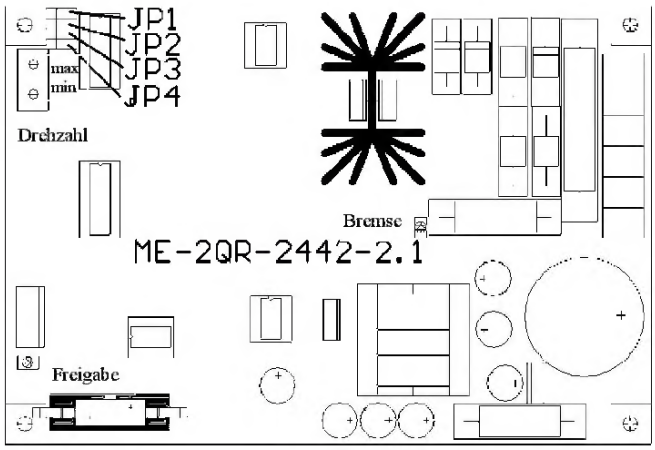
At the pcb RPM control ME-2QR-24/42-2.1: ***bridge jumper to DV 30***



DV 30	
JP1	*opened*
JP2	*placed middle-extern*
JP3	*placed middle -extern*
JP4	*placed middle –extern*

Main switch ON
Program mode:
⇨Press botton Gas and pull back TEDAC-slide switch app. 5sec

Turn poti voltage until the upper display shows ***„dF“***
Move TEDAC-slide switch until the other display shows ***„0“***

Turn poti voltage until the upper display shows ***„dr“***
Adjust with TEDAC-slide switch until the other display shows 3.0 = 3,0 m/min.
Press torch trigger
If the wire feeding motor does not run constantly but in the right direction, change the tacho connector inside the wire feeder (cl.5 and cl.6 ⇨yellow wires);
If the motor is running in the wrong direction check the cables of the anchor;
If the motor is correctly connected, it can be adjusted with the poti energy or with TEDAC ,
If the motor is adjustable but turning to the wrong direction, the connection of the tacho and the anchor must be changed
Turning direction of the motor axe: right

LED at pcb ME-2QR-24/42-2.1
Torch trigger ON: LED "Frg" (Free green) enlightened;
Torch trigger OFF: LED "B" (Brakes yellow) enlightened shortly; LED "Frg" off;

⇨Short circuit between contact tip and work piece ⇦
Torch trigger ON
Mesure with a multimeter at pcb ME-2QR-24/42-2.1 on X3/ 1 (GND) X3/ 4 (+) app.1,2V,
DV30: *Tacho voltage on pcb ME-2QR-24/42-2.1:*
*X1 - 5-6 adjust to app. 2,93V-DC with trimmer “****min****”*

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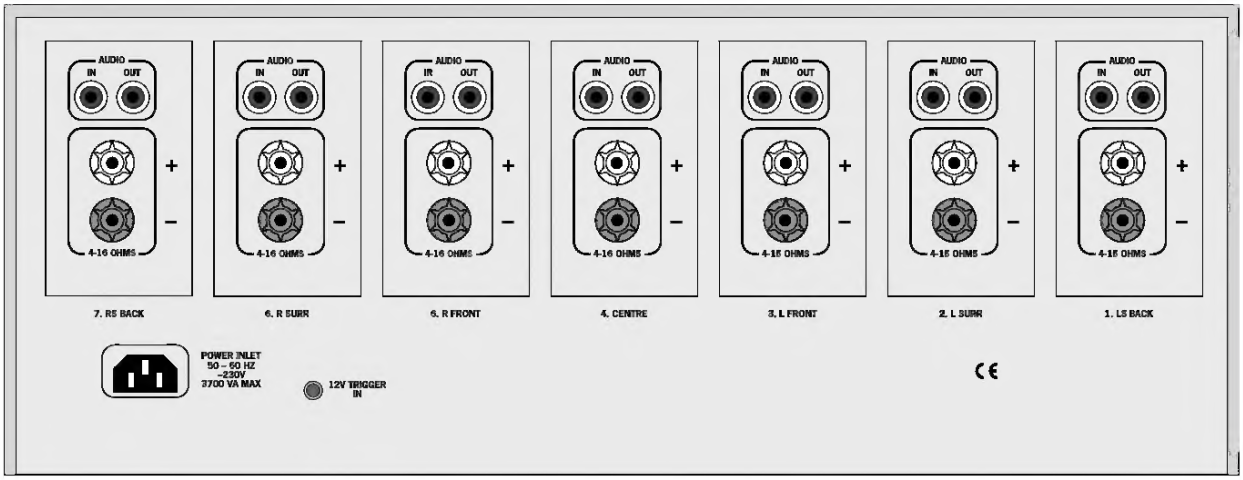
Installation



POSITIONING THE UNIT

- Place the amplifier on a level, firm surface.
- Avoid placing the unit in direct sunlight or near sources of heat or damp.
- Do not place the unit on top of a power amplifier or other sources of heat.
- Ensure adequate ventilation.

  The P7 has a variable speed fan for cooling. If the unit is placed in an enclosed space, such as a bookcase, equipment rack or cabinet, ensure that there is adequate space and ventilation in the enclosure for air to flow through the ventilation slots and cool the amplifier. Inadequate cabinet ventialtion may cause the P7 to shut down due to thermal overload.

  The amplifier is designed to run warm during normal operation.
- Ensure that the equipment rack or stand can support the 31kg weight of the unit.

CONNECTING TO A PRE-AMPLIFIER

ANALOGUE AUDIO INPUTS

It is imperative to connect the pre-amplifier outputs to the module for that particluar channel, e.g. connect the left surround output to the module that will be driving the left surround speaker.

All modules are identical, however, we advise you to make connections corresponding to rear panel labelling, since the amplifier modules are muted in pairs. Due to the layout of the power supply circuitry in the P7, you should connect the correct input signal and loudspeaker to the recommended channel, or the left/right stereo imaging will not be optimum.

The outputs from the pre-amplifier should be connected to the **AUDIO IN** inputs on the P7. Be sure to note which channel from the pre-amplifier is connected to which power amplifier module, so that the correct speaker can be connected to that module and the correct channel identity can be maintained.

If you wish to use four modules to bi-amplify a pair of speakers, or would like to bi-amplify using another power amp, then you can take the signal for that channel and feed it on to the additional modules using the **AUDIO OUT** phono socket on that module. The signal is then fed in to the first module, but also fed on to the second module so that both modules can bi-amplify the loudspeaker.

12V TRIGGER INPUT

If your pre-amp provides a 12V Trigger output, it can be connected to the **12V TRIGGER IN** socket using a 3.5mm jack. This enables the P7 to be turned on remotely from the pre-amp.

Note that the trigger input is only active when the central power button on the front panel is depressed.

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Introduction

Thank you for purchasing this television set.
This handbook has been designed to help you install and operate your TV set.
We would strongly recommend that you read it thoroughly.

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Recycling

The packaging of this product is intended to be recycled. Apply to the local authorities for correct disposal.

Disposal of your old product.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal households waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

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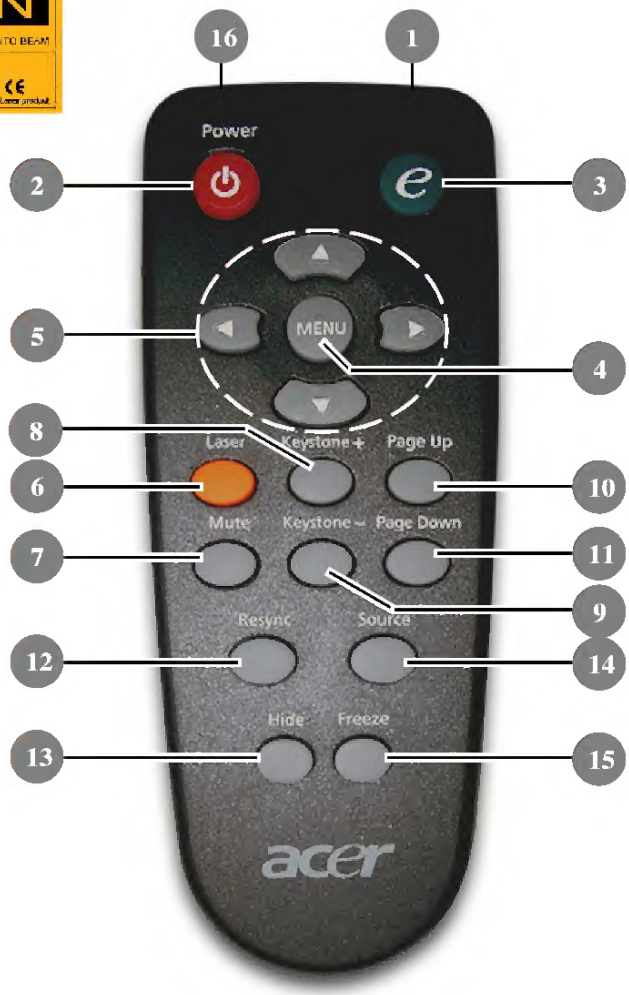
Remote Control with Laser Pointer



1. Transmit Indicator Light
2. Power
3. Empowering Key
4. Menu
5. Four Directional Select Keys
6. Laser Button
7. Mute
8. Keystone +
9. Keystone -
10. Page Up
11. Page Down
12. Re-Sync
13. Hide
14. Source
15. Freeze
16. Laser Pointer

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附註	網頁控制台的預設網際網路通訊協定 (Internet Protocol，IP) 位址爲 **192.0.0.192** (適用於 rp2400 和 rp2450 伺服器) 以及 **127.0.0.1** (適用於 rp2430 和 p2470 伺服器)。將伺服器連接至您的區域網路之前，請確認無其他裝置 (包括其他 rp24xx 伺服器) 使用此位址。

- **將區域網路控制台用作系統控制台**。若將區域網路控制台用作系統控制台，請先配置守護服務處理器 (GSP)。若需更多 GSP 配置資訊，請參閱 http://docs.hp.com 網站上的 《*rp24xx Hardware Manual*》 (搜尋 *rp2400*)。

  接著，利用一條 RJ45 區域網路纜線將它連接至位於伺服器背面標示爲 *10BASE-T LAN Console* 連接的 RJ45 接頭。

連接核心區域網路

利用一條 RJ45 區域網路纜線將系統主機板上的 10/100BASE-T 核心 (Core) 區域網路連接至區域網路，亦即將 RJ45 區域網路纜線連接至伺服器上標示爲 *10/100 Base-T Path: 0/0/0/0* 的 RJ45 接頭。

連接電源線

將系統隨附的電源線連接至伺服器。若爲獨立式 (stand-alone) 伺服器，電源線應符合各國電源用途的規格。若電源來自 HP 不斷電電源供應系統 (Uninterruptible Power Supply，UPS)，請使用 UPS 隨附的電源線。

此時請將符合當地規格的電源線、機箱電源配電單元 (Power Distribution Unit，PDU) 電源線，或是 UPS 電源線連接至所有的外部裝置。

針對機架式裝載伺服器，請將伺服器電源線連接至機箱內的 PDU。

將 PDU 連接至專用的 AC 輸入插座

在非高連續運算 (non-HA) 安裝時，需將每一個 PDU 個別插至專用的 20amp AC 插座。

附註	若將 rp24xx 伺服器安裝爲獨立式系統，即可將 (隨附的) 專業便利纜線插至下列其中一處：具備適當大小斷路器的壁式插座 (wall outlet)，或是能提供伺服器配置所需總電流量的插頭導片 (plug strip)。 電流需求會因輸入電壓、伺服器配置，及安裝的電源供應器數量而異。請造訪 http://docs.hp.com，參閱 《*rp24xx Hardware Manual*》中的 「System Site Preparation」。

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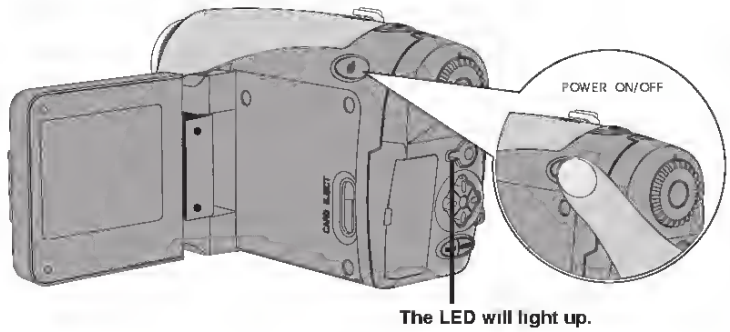
Turning on your camera

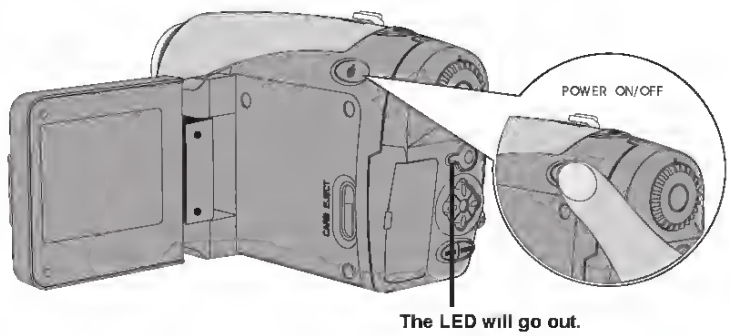
Press and hold down the Power (⏻) button for 1 second to turn on the camera.



(!) If the camera is not turned on after pressing the power button, please check:
1. There are four AA batteries installed in the camera.
2. The batteries have enough power left.
3. The polar(+ -) directions of the installed batteries are correct.

Turning off your camera

Press and hold down the Power (⏻) button for 1 second to turn off the camera.



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2.5 Connect to the ADSL Interface

Step 1. Plug the RJ-11 connector end of the ADSL phone cable (included) in the DSL interface of the modem. The ADSL phone cable is provided (RJ-11 to RJ-45).

Step 2. Connect the RJ-45 connector end of the ADSL phone cable to the ADSL outlet on the wall.

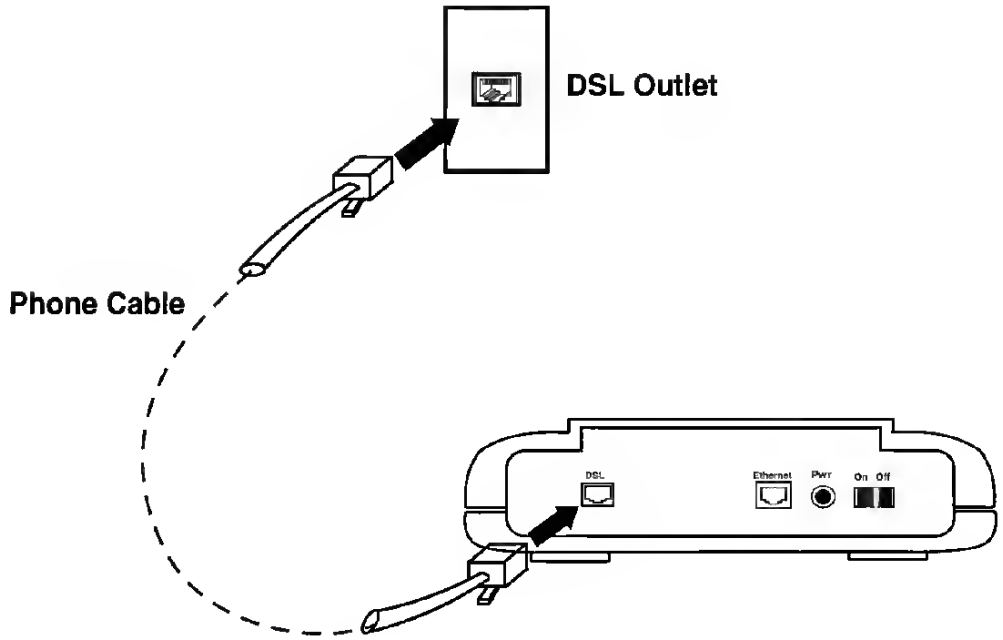

Figure 2.6 Connecting the DSL Interface

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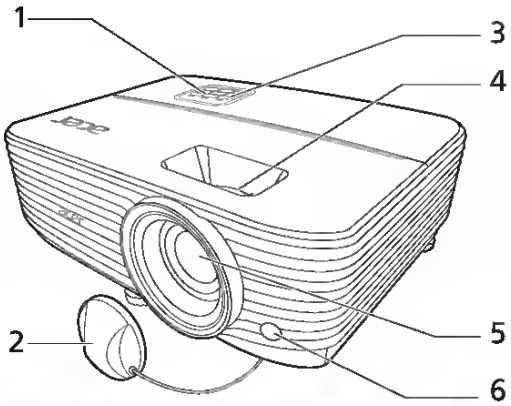
English

Projector Overview

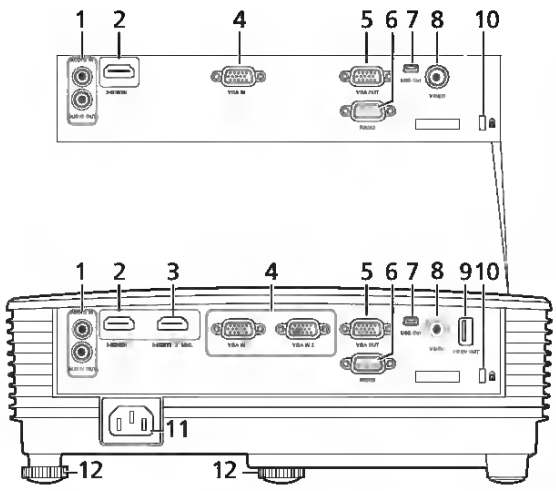
Projector Outlook

Front/upper side



#	Description	#	Description
1	Control panel	4	Zoom ring and Focus ring
2	Lens cap	5	Projection lens
3	Power key and Power indicator LED	6	Remote control receiver

Rear side



X1123H/D800D/EV-580H/V50S/
A5540/DX120/B5-020/K5330/
X1223H/D810D/EV-X80H/V50X/
AX540/DX220/B5-120/KX330/
X1323WH/D820D/EV-W80H/
V50W/AW540/DX420/B5-320/
KW330

P1150/M306/PE-545/F255/A5329/
PR120/MF-020/M5130/P1250/
M316/PE-X45/F25X/AX329/PR220/
MF-120/MX130/P1350W/M3265/
PE-W455/F25W5/AW3295/PR320/
MF-220/MW130/P1350WL/M326/
PE-W45/F25W/AW329/PR320T/
MF-220T/MW130L

#	Description	#	Description
1	Audio input connector Audio output connector	7	Mini USB connector
2	HDMI connector	8	Composite video input connector
3	HDMI (MHL) connector	9	DC 5V output
4	Analog RGB signal/HDTV/ component video input connector	10	Kensington™ lock port

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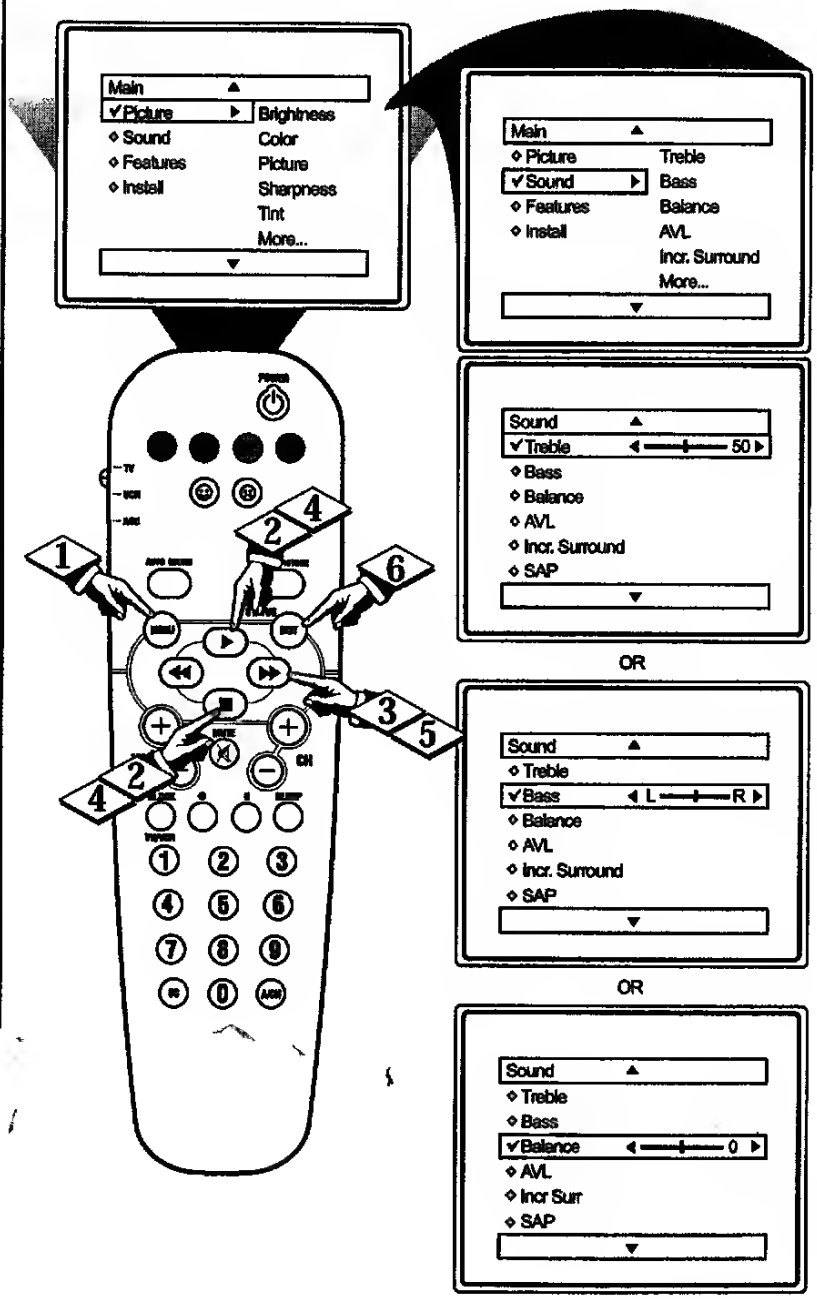
How to adjust the Bass, Treble, and Balance Controls

Besides the normal volume level control, your TV also has Bass, Treble and Balance sound controls. The TREBLE control effects only the high frequency sound coming from the TV enhancing the highs; while the BASS control effects only the low frequency sound coming from the TV enhancing the lows. The Balance control adjusts the sound level being heard from each speaker.

BEGIN

1. **Press the MENU button** on the remote to display the on-screen menu.
2. **Press the CURSOR UP ▶ or CURSOR DOWN ■ button** until the word **SOUND** is highlighted.
3. **Press the CURSOR RIGHT ▶▶ button** to display the **SOUND** menu features.
4. **Press the CURSOR UP ▶ or CURSOR DOWN ■** button to scroll the Sound menu features until the words **TREBLE, BASS or BALANCE** are highlighted.
5. **Press the CURSOR RIGHT ▶▶ or LEFT ◀◀ button** to adjust the **Treble, Bass or Balance** controls.
6. **When finished, press the STATUS /EXIT button** to remove the menu from the TV's screen.

STOP



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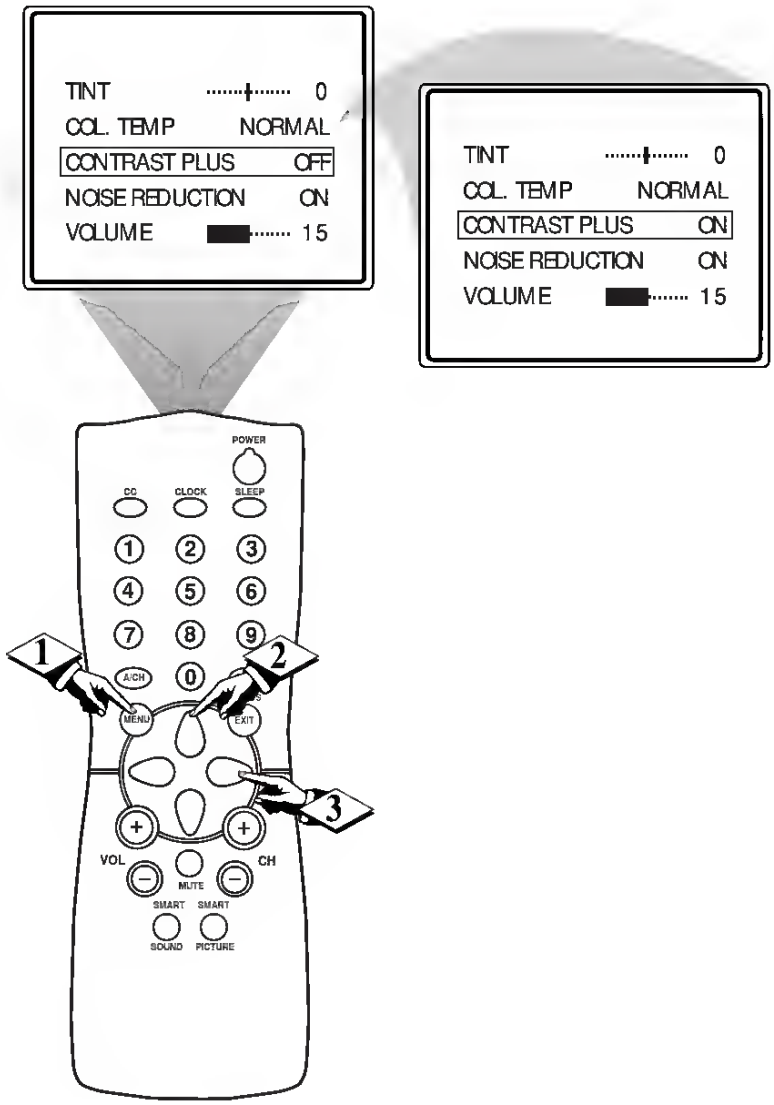
ACTIVATING THE CONTRAST PLUS (BLACK STRETCH) CONTROL

The Contrast Plus (Black Stretch) feature helps to "sharpen" the picture quality. The black portions of the picture become richer in darkness and the whites become brighter.

BEGIN

1. **Press the MENU button** on the remote to display the onscreen menu.
2. **Press the CURSOR UP ▲ or CURSOR DOWN ▼ buttons** until the words **CONTRAST PLUS** are highlighted.
3. **Press the CURSOR RIGHT ▶ or CURSOR LEFT ◀ buttons** to activate or deactivate the **Contrast Plus** feature.

STOP



SMART HELP

Remember: The onscreen menu will disappear in a few seconds after you have finished your adjustment.

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02

Using CoPilot Live

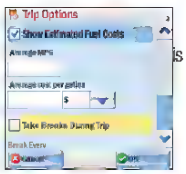
Entering Multiple Destinations

CoPilot allows you to plan a trip with multiple destinations.

- Click **Menu** > **Plan or Edit Trip**.
- Click to add a destination.
- To delete a stop, select it and click .
- Add the first address, click the **Add Destination** button again to add a second, third, etc. address. See page 11 for address entry details.

Trip Options

In the trip planning window click the **Options** button.



- To see a fuel cost estimate when the trip calculated, type in the vehicle Miles per Gallon and cost per gallon.
- To have break hours included in the trip ETA, select a time interval and break time.
- When **Optimize Final Destination** is checked, the position of the last stop on the stop list can be changed when the trip is optimized (see below).

Change the Stop Order

When you have entered all your required stops you can change the order they appear in.

- Highlight the address you wish to move.

Click the **Move Up**, **Move Down**, **Move to Start** or **Move to End** button.

The selected stop will move to its new position in the trip list.

Optimize Stops

CoPilot has an Optimize function which will automatically rearrange the stops on a trip to create the most efficient route.

If your planned trip has more than three (3) stops, click **Optimize**. CoPilot will take a few seconds to reorder your stops for the most efficient trip.

Note: Your start point and final destination will not be altered. If you want the final destination to be included in the optimization, click **Options** and check **Optimize Final Destination**.

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Brief summary of fabric information

Care symbols

Check whether fabrics are suitable for tumble drying. One of the following symbols should appear on the care label:

Basically, this fabric can be tumble dried; however the manufacturer does not specify whether it can be dried with normal or low temperature.

Normal drying (normal temperature)

Gentle drying (low temperature)

Do not tumble dry

If none of these symbols is found:

Dry cottons, as well as mixed fabrics, at normal temperature. Press the HALF HEAT button when delicate cottons have to be dried.
It is advisable to take into consideration the care symbols on garment labels when buying them.

- Wool, elderdowns
  Do not dry any woollen items in the tumble dryer! They can felt!
  Elderdowns can be tumble dried only if the corresponding care symbol is present.
- Fabrics sensitive to high temperatures
  Dry fabrics sensitive to high temperatures (such as acrylic or viscose) and items bearing the care symbol using a drying time setting between 20 and 80 MIN or pressing the FRESH & COOL button.
- Tricot garments, knitwear
- Tricot garments and knitwear tend to shrink.
  Do not overdry these items. High quality products are less likely to shrink.
- New coloured fabrics
  Do not dry new coloured fabrics with light-coloured laundry. This could lead to discoloration!

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Troubleshooting

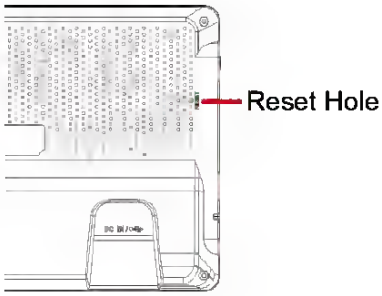
EN

Problem	Cause	Solution
Power indicator is not lit.	Power is off or power indicator is broken.	Check whether the AC adapter is well connected and power supply is normal.
No start-up interface.	AC adapter is not well connected or does not power on normally.	Check whether the AC adapter is well connected and make sure the photo frame is powered on normally.
USB drive or memory card is not working.	Card is not correctly inserted or card is corrupt or not fully compatible.	Insert the card correctly; format the card before copy files, or replace with a new card.
The order of image files is not what I wanted.	The order of files is sorted by file name. Numbers have higher priority than alphabets.	Rename the files.
The device malfunctions and cannot be powered on/off.	Improper use of the device.	Press into the reset hole and hold for 2 seconds. Then press the Power key to power on the device again.

Since there are many brands of memory cards, please test the compatibility on the spot when you purchase the memory cards. This digital photo frame could not support pirate cards. If the memory card is correctly inserted, and the start-up interface is displayed but the photo frame can not read the card, please turn off and restart the photo frame, or format the card and re-copy files.

Reset Your Device

Occasionally, you may need to reset your Photo Frame.
This can be useful when a program is not performing properly.
Locate the small hole on the back of the device shown as the **RESET**.
Using the tip of paper clip, gently push the button inwards.



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Note

- To disable the clock, repeat the procedure

Change the clock mode

1 Press ⌂
2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Clock]** > **[Auto clock]**
3 Select **[Automatic]** or **[Manual]**, then press **OK**

Change the time zone

Note

- This option is only available if you select **[Auto clock]** > **[Automatic]** (in countries with clock transmission data).

1 Press ⌂
2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Clock]** > **[Time zone]**
3 Select your time zone
4 Press **OK** to confirm

Use daylight saving

Note

- This option is only available if you select **[Auto clock mode]** > **[Manual]**

1 Press ⌂
2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Clock]** > **[Daylight saving]**, then press **OK**
3 Select **[Standard time]** or **[Daylight saving time]**, then press **OK**

Use timers

You can set timers to switch the TV to standby at a specified time.

Tip

- Set the TV clock before you use timers.

Automatically switch the TV to standby (sleep timer)

Sleep timer switches the TV to standby after a pre-defined duration.

Tip

- You can switch off your TV earlier or reset the sleep timer during the countdown.

1 Press ⌂
2 Select **[Setup]** > **[TV settings]** > **[Preferences]** > **[Sleep timer]**.
↳ The **[Sleep timer]** menu appears.
3 Select a value between zero and 180 minutes.
↳ If you select zero, the sleep timer switches off.
4 Press **OK** to switch on the sleep timer.
↳ The TV switches to standby after the specified time.

Lock unsuitable content

You can prevent your children from watching certain programmes or channels by locking the TV controls.

Set or change code

1 Press ⌂

Operating instructions

PARKING, TOWING AND LIFTING INSTRUCTIONS

Safety precautions

The operator is expected to apply all relevant Safety precautions.

Attention

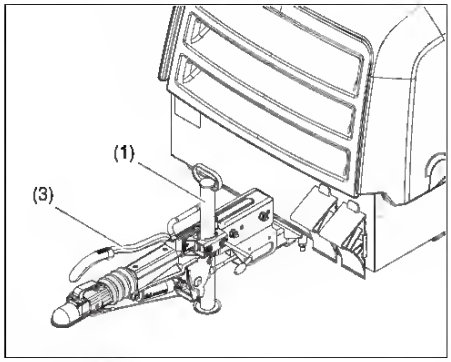
After the first 100 km travel:

Check and retighten the wheel nuts and towhar bolts to the specified torque. See section Compressor / engine specifications.

When using a towing vehicle to manoeuver the unit, take care that the support leg is lifted maximally.

When the jockey wheel is on the ground, the unit may only be manoeuvered by hand.

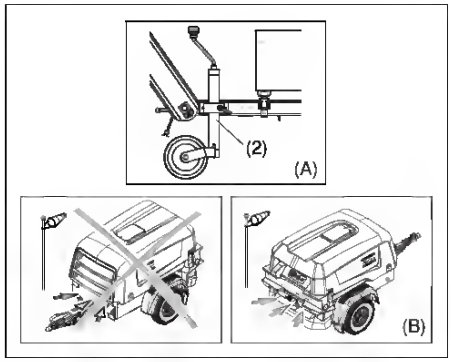
PARKING INSTRUCTIONS



Fixed towbar with support leg and brakes

When parking a compressor, secure support leg (1) or jockey wheel (2) to support the compressor in a level position

Apply parking brake by pulling parking brake handle (3) upwards. Place the compressor as level as possible, however, it can be operated temporarily in an out-of-level position not exceeding 15°. If the compressor is parked on sloping ground, immobilize the compressor by placing wheel chocks (available as an option) in front of or behind the wheels



(A) Parking position of jockey wheel (adjustable towbar)
(B) Rear-end of compressor upwind

Locate the rear-end of the compressor upwind, away from contaminated wind-streams and walls. Avoid recirculation of exhaust gas and warmed-up cooling air. This causes overheating and engine power decrease. Do not obstruct air evacuation from the cooling system. The compressor oil lifetime will be shortened when the compressor inlet air is contaminated

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cloth lightly dampened with a mild detergent solution. Never use strong solvents such as thinner, benzene, or abrasive cleaners, since these will damage the cabinet. As a safety precaution, always unplug the monitor before cleaning it.

Adjusting the Picture

a. How to Adjust the Setting

1. Press the MENU-button to activate the OSD window.
2. Press <or >to select the desired function.
3. Press the MENU-button to select the function that you want to adjust.
4. Press < or >to change the settings of the current function.
5. To exit and save, select the exit function. If you want to adjust any other function, repeat steps 2-4.

Analog Only Model

I. Analog-Only Model

Dual-Input model (Optional)

II. Dual-Input Model, Analog Signal Input

III. Dual-Input Model, Digital Signal Input

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Chapter 5:
Serial Number Definition

Acer 22 Barcode

Follows Code 128 standard –refer to http://www.adams1.com/pub/russadam/128code.html

Acer 22 Code SN

PPPPPPPPPPYWWSSSSSMMVV

Code	Description
PPPPPPPPPP	Acer Part Number
YWW	3 digit numeric year and week code
SSSSS	5 character unique hexadecimal code by manufacturer base and reset each week (0-9, A, B, C, D, E, F 16 code)
MM	Manufacturer code
VV	English version code

Acer SNID

YWWddddddMM

Code	Description
YWW	3 digit numeric year and week code (as above)
dddddd	6 unique decimal numbers derived from Acer 22 Code SN (SSSSS) Transfer Rule: $S_1S_2S_3S_4S_5$ dddddd = $S_1 * 16^4 + S_2 * 16^3 + S_3 * 16^2 + S_4 * 16^1 + S_5$ Example: Acer FG SN (SSSSS) = 001FD, SNID (dddddd) = $1 * 16^2 + 15 * 16 + 13$ = 000509.
MM	Manufacturer code (as above)

Note The parts information listed below are for reference only, and are subject to change without notice

H236HL

Item	Description	LNT Part No.	Acer Part No.
1	bezel	A34G3021AEM-1B0100	42 LX1M2 001
2	PANEL LM230WF3-S2E2	750GMT230W3E21N100	KL 2300W 002
3	mid-frame ASSEMBLY	705GFACS307	60 LX1M2 005
4	FFC CABLE 10PIN 553MM P0 5MM HONGLIN(main board o backlight)	F95G176H-10358	50 LX1M2 001
5	WIRE HARNESS 6P-6P 200mm XINYA(main board to key board)	F95G8014-6X140	50 LX1M2 003
6	FFC CABLE 30PIN 299MM P1 0MM KOTL(main board to panel)	F95G179J30N259	50 LX1M2 002
7	KEYPAD BOARD	KEPCCQYO	55 LX1M2 002
8	STAND ASSY	705GFACS308	60 LX1M2 002
9	CONVERSION G5757-M0B-000-0040-2-120717	CBPCCT7ABQD	55 LX1M2 001
10	Mainframe	A15G1793201	33 D2GM2 001
11	rearcover	A34G3022AEMA3B0100	60 LX1M2 001
12	SCREW	0M1G3030--6-47-CR3	N/A
13	SCREW	0M1G3030--4-47-CR3	N/A
14	STAND ASSY	705GFACS308	60 LX1M2 002

English

Federal Communications Comission Declaration of Conformity

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The following local Manufacturer /Importer is responsible for this declaration

Product Name:	Personal Computer
Model:	Aspire RC500L
Name of Responsible Party:	Acer America Corporation
Address of Responsible Party:	2641 Orchard Parkeay, San Jose CA 95134, U. S. A.
Contact Person:	David Lee
Phone No.:	408-922-5097
Fax No.:	408-922-5017

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Some horizontal lines don´t exist on the Display. Sustain open or short

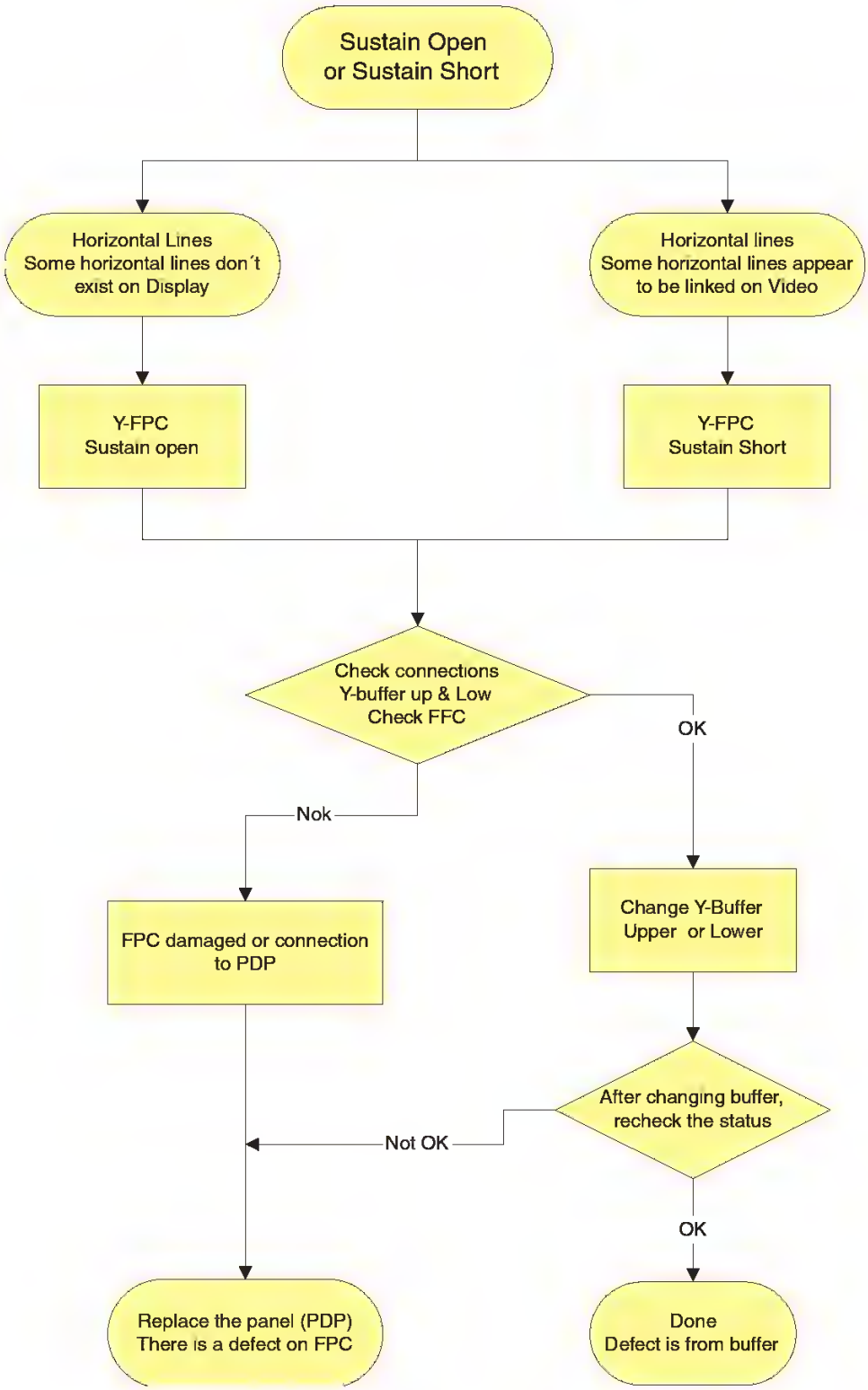
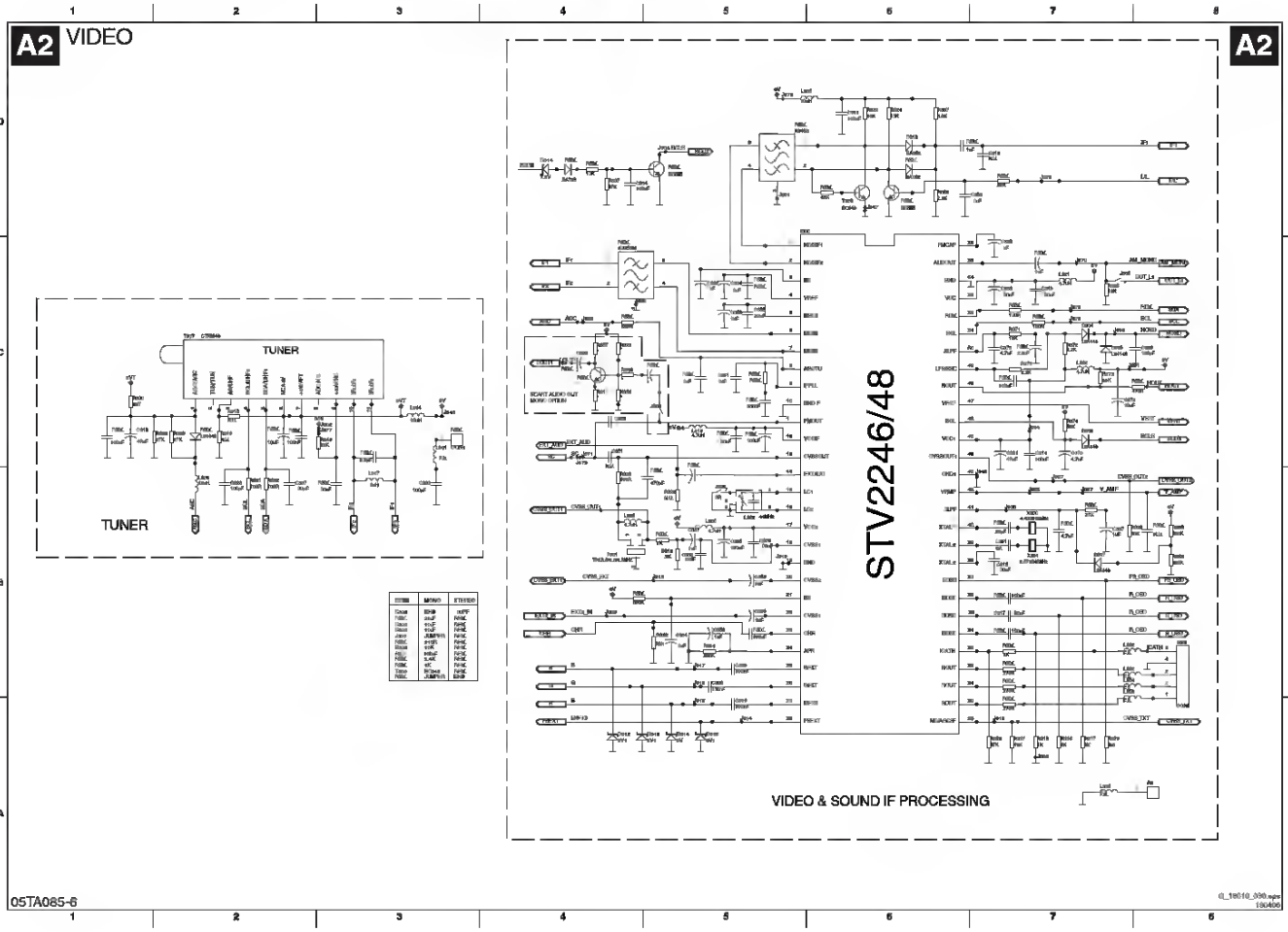


Figure 5-12

Main Panel (05TA085-6): Video



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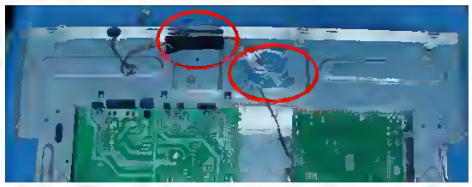
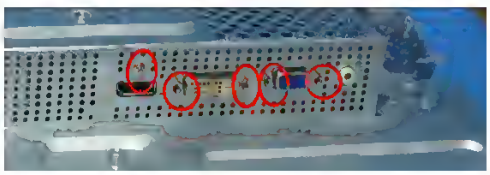
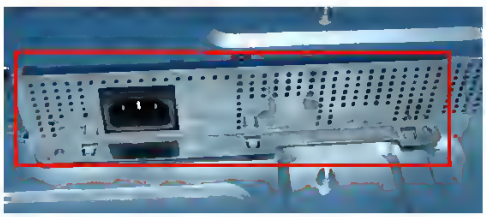
S4 Locate the key board cable and fix the cable on the specific position as the below picture remarked in red circle.



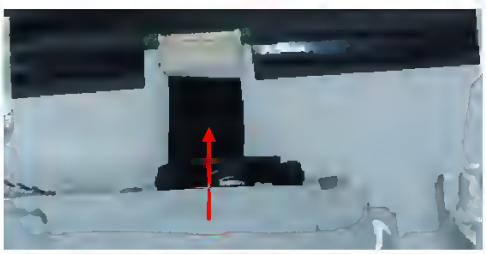
S5 Turn over the MAINFRAME. Use a Hex-head screwdriver to tighten four screws and use a Philips-head screwdriver to unscrew a screw for locking the VGA connector and DVI connector.



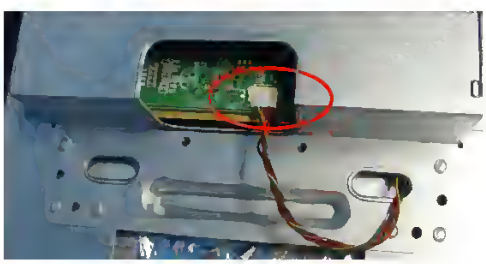
S6 Assemble the SHIELD_AUDIO.



S7 Prepare a panel. Assemble panel and MAINFRAME. Put the MAINFRAME on the panel and connect the FFC cable (main board to panel). Stick the tape as below right picture.



S8 Connect the wires (power board to panel) as below picture.



UNDERSTANDING THE SMARTLOCK™ CONTROL (PARENTAL GUIDELINE)

This portion of the SmartLock features cover program ratings based on the TV Industry rating system. This is known as Parental Guideline within SmartLock.

After selecting the SmartLock feature and entering your personal access code, the BLOCK/CHANGE CODE screen appears;

BEGIN

1. With the word **BLOCK** highlighted, **Press the CURSOR RIGHT ▶ button.**
2. **Scroll the menu using the CURSOR UP ▲ or CURSOR DOWN ▼ buttons** until the words **PARENTAL GUIDELINES** are highlighted.
3. **Press the CURSOR RIGHT ▶ button** to display the **Parental (TV) Guidelines (TV-Y, TV-Y7, TV-G, TV-PG, TV-14, or TV-MA).**

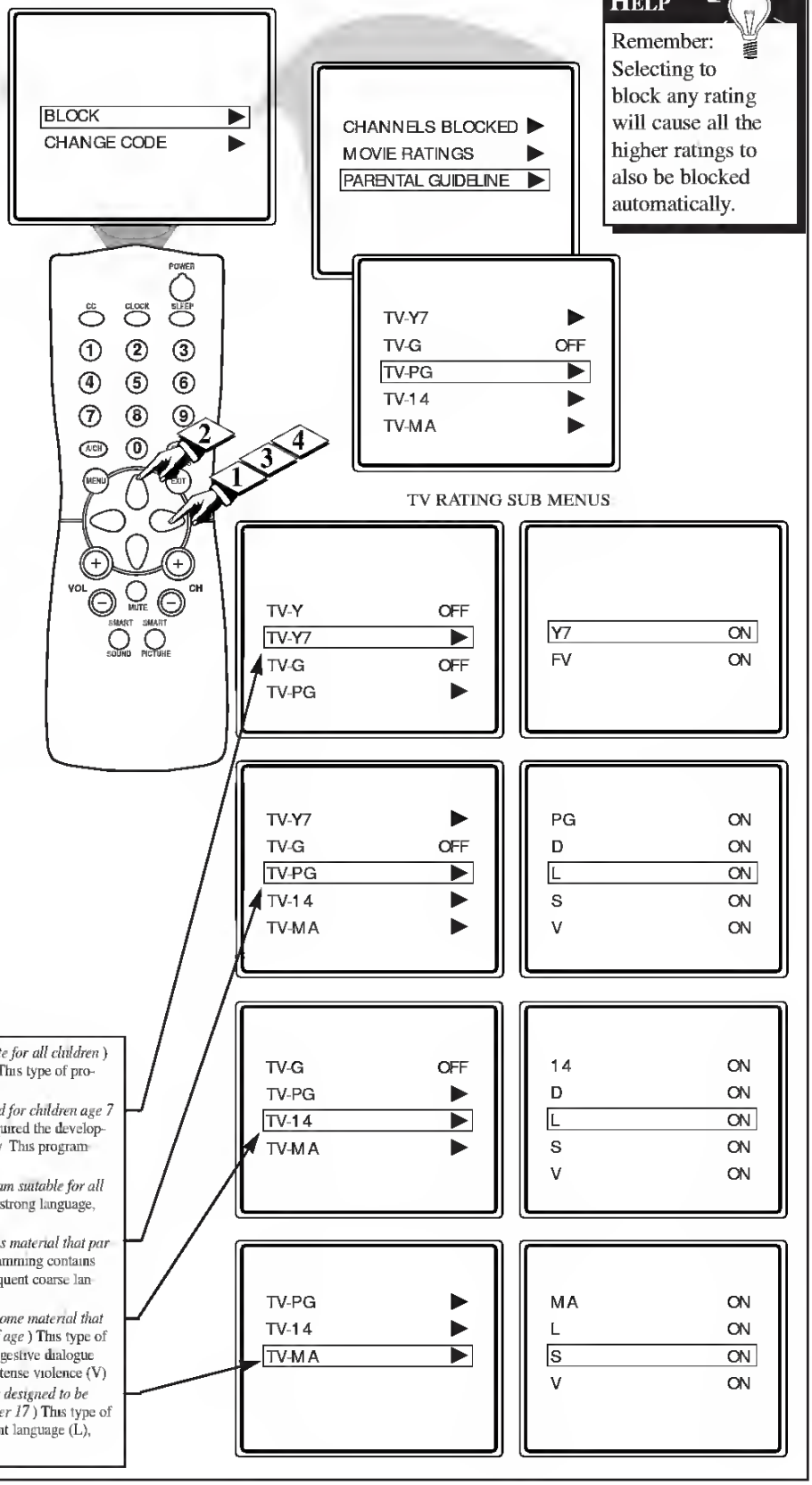
   When highlighted, the TV-Y and TV-G can be turned **ON** *(which will allow blocking)*, or **OFF** *(which will allow viewing)* of these rated programs.
4. **The ratings of TV-Y7, TV-PG, TV-14, TV-MA can be customized to block V (violence), FV (fantasy violence), S (sexual situations), L (coarse language), or D (suggestive dialogue).**

   Use the CURSOR RIGHT ▶ or CURSOR LEFT ◀ buttons on the remote to turn the rating option ON or OFF.

STOP

SMART HELP

Remember: Selecting to block any rating will cause all the higher ratings to also be blocked automatically.



TV-Y (**All children** – *This program is designed to be appropriate for all children.*) Designed for a very young audience, including children ages 2-6. This type of programming is not expected to frighten younger children.

TV-Y7 (**Directed to Older Children** – *This program is designed for children age 7 and above.*) It may be more appropriate for children who have acquired the development skills needed to distinguish between make-believe and reality. This programming may include mild fantasy and comic violence (FV).

TV-G (**General Audience** – *Most parents would find this program suitable for all ages.*) This type of programming contains little or no violence, no strong language, and little or no sexual dialogue or situations.

TV-PG (**Parental Guidance Suggested** – *This program contains material that parents may find unsuitable for younger children.*) This type of programming contains one or more of the following: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

TV-14 (**Parents Strongly Cautioned** – *This program contains some material that many parents would find unsuitable for children under 14 years of age.*) This type of programming contains one or more of the following: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

TV-MA (**Mature Audience Only** – *This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.*) This type of programming contains one or more of the following: crude indecent language (L), explicit sexual situations (S), or graphic violence (V).

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Enabling word completion

Your smartphone makes writing emails, messages and documents more efficient with the help of the word completion feature. This feature suggests words as you type.

1. Tap **Start** > **Settings** > **Personal** > **Input** > **Word Completion** tab.
2. Select the options you want to activate.
3. Tap **OK** to confirm and save.

XT9 predictive text

You can key in any letter with a single keypress using XT9 predictive text input through the numeric keypad.

1. Write the desired word by pressing the 2 to 9 keys. Press each key only once for one letter. The word changes after every key press.
2. When you have finished the word, check that it is correct.
3. Confirm the word by pressing the selection button or by pressing to insert a space.

NOTE: XT9 and XT9 logo are registered trademarks of Nuance Communications, Inc. or its subsidiaries in the United States of America and/or other countries.

Other input options

You can also configure voice recording options, zoom levels and grammar rules on the Input Settings screen.

1. Tap **Start** > **Settings** > **Personal** > **Input** > **Options** tab.
2. Select and configure the settings as appropriate.
3. Tap **OK** to confirm and save.

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REPRODUCCION DE LA CINTA

Presione los siguientes botones para controlar el movimiento de la cinta.

Para	Presione este botón
Expulsar la cassette	⏏
Cambiar el lado a reproducir Parar el avance rápido o rebobinado y seguir reproduciendo	DIR
Avanzar rápidamente uno de los lados de la cinta	FF ▲
Rebobinar uno de los lados de la cinta	▼ REW
Parar la cinta y desconectar el aparato	MUTE (durante más de 2 segundos)

- Al final de la cinta en el modo de avance rápido empezará a reproducir automáticamente el otro lado de la cinta.
- Al final de la cinta en el modo de rebobinado empezará a reproducir automáticamente el mismo lado de la cinta.

Indicaciones de sentido

FWD	Se enciende cuando se reproduce el lado superior de la cassette.
REV	Se enciende cuando se reproduce el lado inferior de la cassette.

Indicaciones de movimiento de la cinta

Cuando empieza reproducir la cinta, el indicador de movimiento de la cinta muestra el sentido de la cinta.

Lado superior: Durante la reproducción, avance rápido Lado inferior: Durante el rebobinado	
Lado inferior: Durante la reproducción, avance rápido Lado superior: Durante el rebobinado	

Durante el avance rápido o rebobinado, la indicación de transporte de cinta es más rápida.

Antes de girar la llave de encendido a OFF

No se olvide de expulsar la cassette del aparato antes de girar la llave de encendido a OFF.

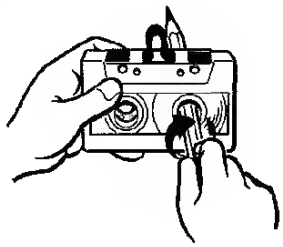
Conmutación de modos

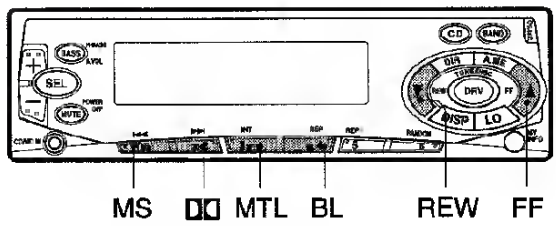
Si el aparato está en el modo de radio o de reproducción con cambiador de discos compactos, cuando se coloca una cassette se conmuta automáticamente al modo de reproducción de cinta.

Para evitar problemas con la cinta

Antes de colocar una cassette en el aparato, verifique que no haya flojedad en la cinta. En el caso de que fuera necesario, tense la cinta introduciendo un lápiz en el orificio de bobinado y elimine la flojedad.

Las cintas de 90 minutos o más largas son muy finas y pueden deformarse o dañarse muy fácilmente. No se recomienda su uso.





Reproducción de cintas grabadas con la reducción de ruidos Dolby B

Presione DOLBY NR (botón de reducción de ruidos Dolby) cuando se reproduce una cinta grabada en este modo. Se enciende el indicador "DOLBY NR B".

Presione nuevamente este botón para cancelar el modo.

Nota

Si se reproduce una cinta grabada sin la reducción de ruidos Dolby B utilizando el sistema Dolby B NR, el sonido no se reproducirá correctamente.

Reproducción de cintas de metal

Presione MTL (metal) cuando se reproduce una cinta de metal o CrO_2. Se enciende el indicador "MTL".

Presione nuevamente este botón para cancelar este modo.

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ESD Precautions

Always observe the following ESD (electrostatic discharge) precautions before installing any system component:

1. Do not remove any system component from its packaging unless you are ready to install it.
2. Wear a wrist grounding strap before handling electronic components. Wrist grounding straps are available at most electronic component stores.

DO NOT attempt the procedures in the following sections unless you are confident of your capability to perform them. Otherwise, ask a service technician for assistance.

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Practical tips for use

General

- After switching off your appliance, let food stand inside for a few minutes to allow even heat distribution **(standing time)**.
- Remove any aluminium foil or packaging containing metal before preparing the food.
- Metal objects must be placed at least 2cm away from the cooking space walls and door. Otherwise arcing can occur, resulting in damage to the appliance.
- Check food frequently when grilling, **especially when using the high grill rack.**

Cooking

- Whenever possible cook food covered. Only pastry dishes with crust should be cooked uncovered.
- Refrigerated or frozen food require longer cooking times.
- Foods containing sauces should be stirred from time to time.
- Cook soft vegetables such as carrots, peas and cauliflower with a little water.
- Cook soft vegetables such as mushrooms, peppers and tomatoes without liquid.
- Increase cooking time by approximately 50% for larger pieces. Whenever possible, cut vegetables into equal-sized pieces.

Defrosting of meat, poultry and fish

- Place frozen, unpacked meat on an inverted plate in a glass or porcelain container, or use a sieve, so that the meat juice can drain.
- Halfway through defrosting, turn the food, dividing it where possible and removing the pieces that have defrosted.

Defrosting of butter, pieces of layer cake and cottage cheese

- Do not fully defrost in the appliance, but leave to adjust out-side. This will give a more even result.
- Remove any metal or aluminium foil packaging and/or accessories before defrosting

Defrosting of fruit and vegetables

- Fruit and vegetables that are to be used raw later should not be fully defrosted in the appliance, but left to complete defrosting at room temperature outside the microwave oven.
- Fruit and vegetables that are to be cooked immediately afterwards can be cooked straight from frozen using a higher power level.

Ready made meals

- Ready made meals in metal packages or plastic containers with metal lids should be heated or defrosted in your microwave oven only if they are explicitly marked as being suitable for microwave use. Please follow the operating instructions printed on the packages (e.g. remove the metal lid and prick the plastic foil).

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Garantie und Service

Garantiebedingungen

Service und Ersatzteile

Bei Störungen am Gerät benachrichtigen Sie bitte umgehend die nächste Kundendienststelle.

Ihr Gerät kann aufgrund seines Typenschildes identifiziert werden.

Das Typenschild befindet sich links unten im Kühlbereich neben dem Obstfach.

Hier finden Sie alle wichtige Angaben zum Gerät (Typen-, Modellbezeichnung, Herstellnummer usw.)

Tragen Sie bitte die Daten vom Typenschild hier ein:

Modellbezeichnung	
Typenbezeichnung	
Produktnummer	
Herstellnummer	

Der Hersteller hält sich Änderungen des Produktes vor.

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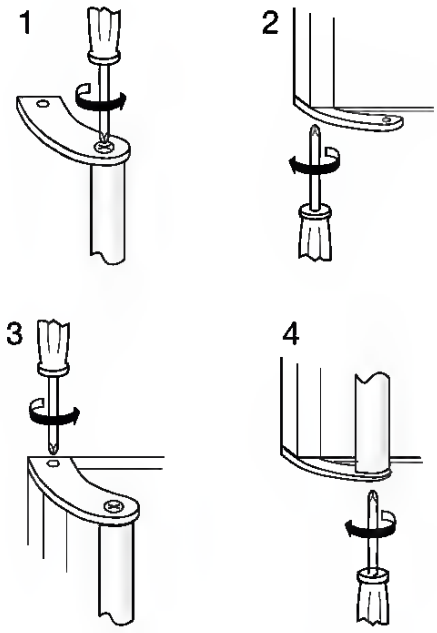
Fitting the Door Handles

1. Screw the top handle bracket to the handle rod (1). Fit the bottom handle bracket on the lower left-hand side of the door (2).
2. Fit the top handle bracket on the top left-hand side of the door (3) and screw the handle rod to the bottom handle bracket (4).

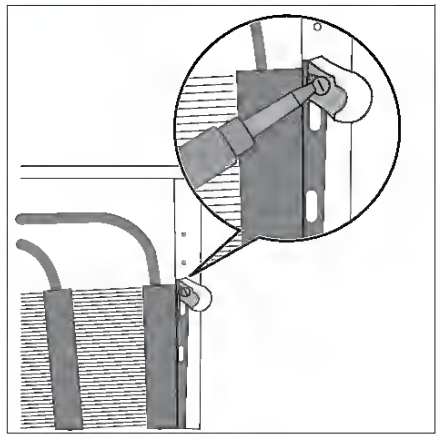
Attention!

Do not overtighten the screws (max. 2 Nm) as you may damage the door handles.



Rear spacers

Fit the rear spacers contained in the appliance to ensure even dissipation of heat genereted during operation. Proceed in the sequence illustrated by the figures.



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hP	**Pedal-Controlled Phaser** A phaser effect with its feedback controlled by the expression pedal.
t0→t9	**Tremolo** Varies the volume of the signal, creating a rising and falling effect. Higher values result in greater depth of variation.
tP	**Pedal-Controlled Tremolo** A tremolo effect with its depth controlled by the expression pedal.
r0→r9	**Ring Modulation** An effect that modulates the amplitude of the signal, giving it a metallic sound. Higher values result in greater modulation depth.
rP	**Pedal-Controlled Ring Modulation** Ring modulation with its depth controlled by the expression pedal.
y0→y9	**Cry** Creates an effect similar to that of a voice box, adding a human-like crying effect to the sound. Higher values result in greater intensity.
yP	**Pedal-Controlled Cry** A cry effect with its filter frequency controlled by the expression pedal.
S0→S9	**Random Sample and Hold Step Filter** For this effect, the filter cutoff frequency changes abruptly to a new psuedo-random value at a fixed time interval, producing an arpeggiator-like sound.
SP	**Pedal-Controlled Step Filter** A step filter with its depth controlled by the expression pedal.
A0→A9	**Slow Attack** Reduces the attack rate of the signal, slowing the rate at which the volume of the sound rises when you attack a string. Higher values result in higher sensitivity.
n0→n9	**Auto Pan** Pans the signal back and forth from left to right at a constant rate determined by the PARAM setting. Higher values result in increased pan depth.

PC input signal reference chart

	Resolution	Horizontal Freq. (kHz)	Vertical Freq. (Hz)	Standard
1	640 x 480	31.S	60.0	VGA
2	640 x 480	37.9	72.8	VGA
3	640 x 480	37.S	7S.0	VGA
4	640 x 480	3S.0	66.7	MAC
S	720 x 400	31.S	70.1	VESA
6	800 x 600	3S.2	S6.3	SVGA
7	800 x 600	37.9	60.3	SVGA
8	800 x 600	48.1	72.2	SVGA
9	800 x 600	46.9	7S.0	SVGA
10	832 x 624	49.7	74.6	MAC
11	1024 x 768	48.4	60.0	XGA
12	1024 x 768	S6.S	70.1	XGA
13	1024 x 768	60.0	7S.0	XGA
14	1280 x 800	4S.0	S9.9	VESA
1S	11S2 x 864	67.S	7S.0	VESA
16	1280 x 800	49.7	S9.8	WXGA
17	1360 x 768	47.7	60.0	WXGA
18	1360 x 768	47.7	S9.8	WXGA
19	1600 x 900	S6.0	S9.9	WXGA
20	1600 x 900	70.S	74.9	WXGA
21	1280 x 1024	64.0	60.0	SXGA
22	1400 x 10S0	6S.3	60.0	SXGA+
23	1680 x 10S0	6S.3	60.0	WSXGA+
24	1920 x 1080	67.S	60.0	-
2S	1920 x 1080	66.6	S9.9	-

PC input does not support Sync on Green, Composite Sync or interlaced signals.

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CAUTION: Do not turn off an attached disk drive enclosure when the server containing the Smart Array Controller is powered on. Also, do not turn on the server before turning on the disk enclosure. If these ordering rules are not followed, the Smart Array Controller may mark the drives in this enclosure as "failed," which could result in permanent data loss.

NOTE: For more information on hard drive LED statuses refer to chapter 4.

To remove a hot-plug SCSI hard drive:

CAUTION: Replace a hot-plug SCSI hard drive only when the drive LED is amber. Do not remove a hot-plug SCSI hard drive if the online LED is green.

1. Press the release button for the SCSI hard drive ejector lever ❶.
2. Pull the locking release lever ❷ forward.
3. Pull the hard drive from the drive cage ❸.

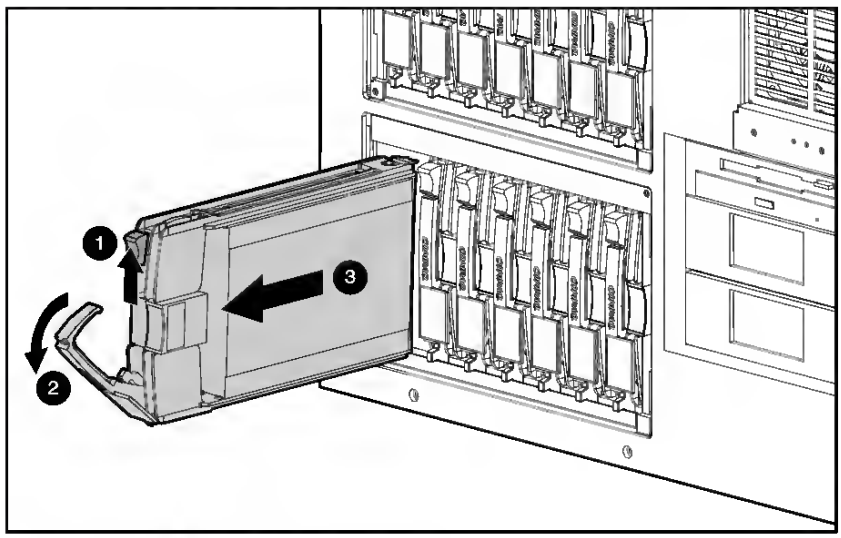

Figure 2-14. Removing a hot-plug SCSI hard drive

Reverse steps 1 through 3 to replace a hot-plug SCSI hard drive.

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9. Select date to [On] or [Off] with the ▲ / ▼ buttons, and press the **SET** button.
   - On: The date of the photograph will also be printed.
   - Off: The date of the photograph will not be printed.
10. Select [Print Enable] with the ▲ / ▼ buttons, and press the **SET** button.
11. Select [Execute] with the ▲ / ▼ buttons, and press the **SET** button.
    - This creates a file containing the DPOF information, and when the operation is finished, the screen returns to the playback mode.
    - The DPOF icon [🖨] is displayed on each image that have set up DPOF settings.

NOTE

- The date that is printed on the photo is the date set on the camera. To print the correct date on the photo, set the date on the camera before you photograph the image. Refer to section in this manual titled "Setting the Date and Time" for further details.
- For DPOF settings on images stored in the internal memory, be sure to copy those files to an SD memory card first. Refer to section in this manual titled "Copying Files from Internal Memory to a Memory Card" for further details.

Copying Files from Internal Memory to a Memory Card

This function allows you to copy your files from the digital still camera's internal memory to a memory card. Of course, you can only do this if you have a memory card installed and some files in internal memory.

1. Set the mode dial to [▶].
2. Select the image that you want to copy to a memory card with the ◀ / ▶ buttons.
3. Press the **MENU** button.
   - The playback menu is displayed.
4. Select [Copy] with the ▲ / ▼ buttons, and press the **SET** button.
5. Select [Execute] with the ▲ / ▼ buttons, and press the **SET** button.
   - To not copy, select [Cancel] with the ▲ / ▼ buttons, and press the **SET** button.

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SUMMARY OF AUDIBLE/VISUAL NOTIFICATIONS

(ENGLISH DISPLAY TOUCHPADS)

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Touchpad & External	FIRE ALARM	**FIRE** is displayed; zone number of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed.
LOUD, CONTINUOUS* Touchpad & External	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed. Zone number of zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Touchpad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE c. BYPASS VERIFY	a. READY indicator light comes on. b. The number of the open protection zone is displayed. c. Zone numbers of the bypassed protection zones are displayed (one beep is heard for each zone displayed). Subsequently, **BYPASS** is displayed.
ONE SHORT BEEP (once every 40 seconds) Touchpad only	a. SYSTEM IS IN TEST MODE b. LOW BATTERY AT A TRANSMITTER	a. Opened zone numbers will appear. b. **BAT** displayed with zone number of transmitter.
TWO SHORT BEEPS Touchpad only	ARM AWAY	**AWAY** is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Touchpad only	a. ARM STAY OR INSTANT b. ZONE OPENED WHILE SYSTEM IS IN CHIME MODE	a. **STAY** or **INSTANT** is displayed. Red ARMED indicator is lit. b. **CHIME** displayed, zone number of open protection zone will be displayed if the [✱] key is pressed.
RAPID BEEPING Touchpad only	a. TROUBLE b. MEMORY OF ALARM c. SYSTEM LOW BATTERY d. EXT. SOUNDER WIRING FAIL	a. **CHECK** displayed. Zone number of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed, zone number of zone in alarm is displayed. c. **BAT** displayed with no zone ID number. d. **CHECK 70** is displayed.
SLOW BEEPING Touchpad only	a. EXIT DELAY WARNING (if programmed) b. ENTRY DELAY WARNING	a. **AWAY** is displayed. b. Exceeding the entry delay time without disarming causes alarm.

* If a bell is used as external sounder, fire alarm is *pulsed ring*, burglary/audible emergency is *steady ring*.

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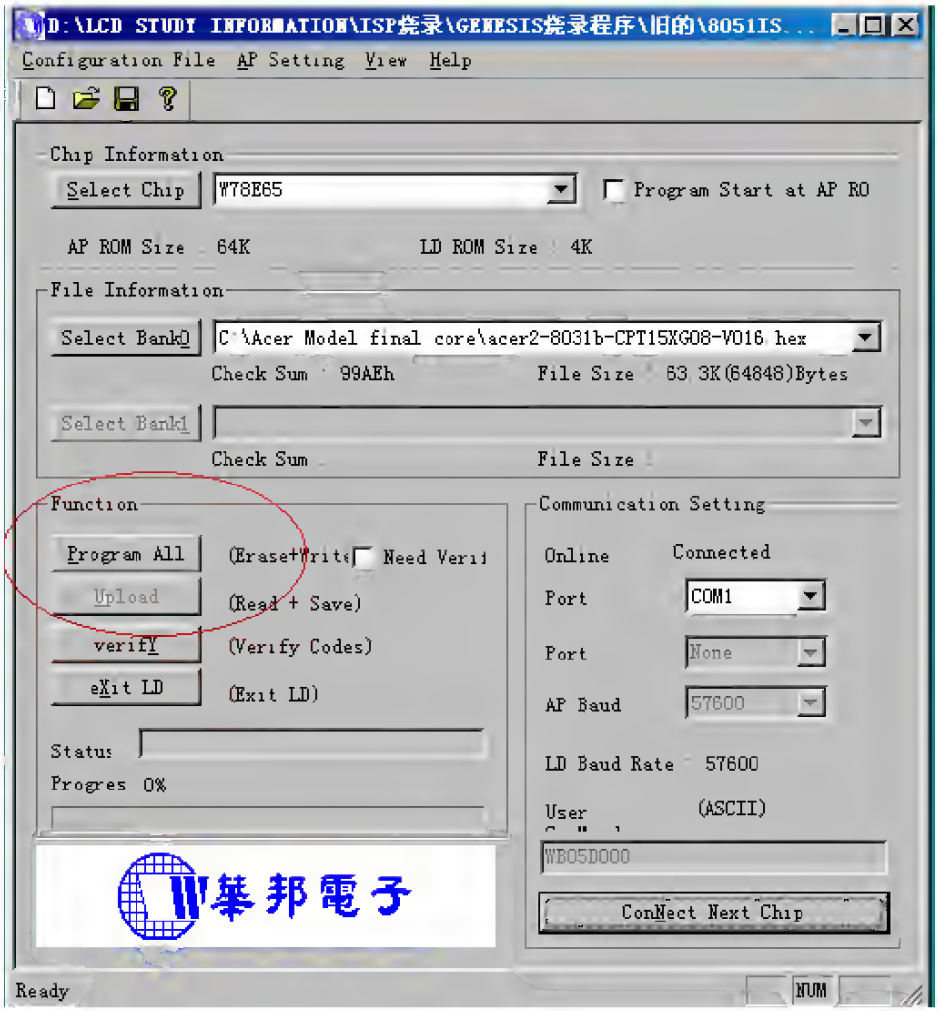
Step6-- Before Executing ISP,the interface change as below

Click “Program All” button that will execute erase and program



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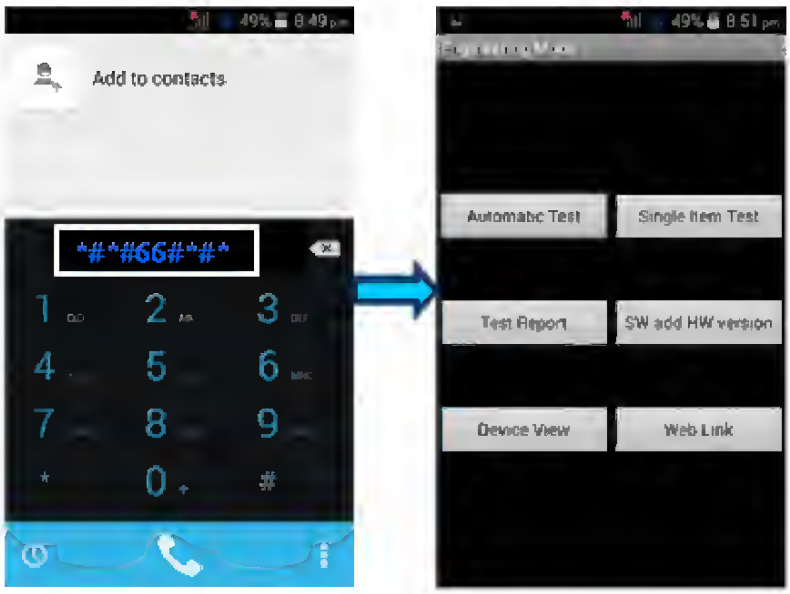
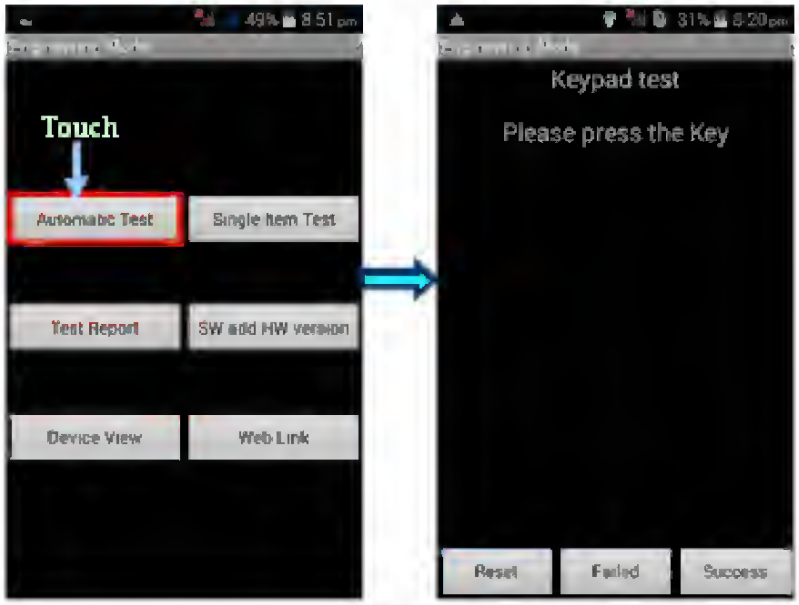
3) CIT test

A. Enter Engineering Mode and start testing.

Step1: Input "*#*#66#*#*" to enter Engineering Mode test.



Step2: Select "Automatic test" into keypad test..



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– Model description
– Product number (PNC)
– Serial number (S No.) (for numbers, see rating plate)
– Type of fault
– Any error messages displayed by the appliance

So that you have the necessary reference numbers from your appliance at hand, we recommend that you write them in here:

Model description	
PNC	
S No	

Guarantee conditions

GB IE Guarantee/Customer Service

GREAT BRITAIN & IRELAND

Standard guarantee conditions

We, Electrolux, undertake that if within 12 months of the date of the purchase this Electrolux appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option repair or replace the same FREE OF CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- Electrolux Service Force Centre must undertake all service work under this guarantee
- Any appliance or defective part replaced shall become the Company's property.
- This guarantee is in addition to your statutory and other legal rights.

Exclusions

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
- Costs incurred for calls to put right an appliance which is improperly installed or calls to appliances outside the United Kingdom.
- Appliances found to be in use within a commercial environment, plus those which are subject to rental agreements.
- Products of Electrolux manufacturer that are not marketed by Electrolux

Service and Spare Parts

In the event of your appliance requiring service, or if you wish to purchase spare parts, please contact your local Service Force Centre by telephoning
0870 5 929 929

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8.4 Starting up

Connecting the machine to the power supply

The machine may only be connected to AC single phase, connection values see chapter *Technical Data*.

NOTICE
Electrical voltage.
Incorrect voltage can cause damage on the machine.
- ► Check if the voltage of the current source corresponds with the information of the machine, see chapter *Technical Data*.

WARNING
Electrical voltage.
Injuries from electrocution.
- ► Check power cable and extension cable for signs of damage.
- ► Only use extension cables for which grounded conductors are connected to the plug and the coupling (only for machines of class rating I).

1. If required, connect the machine to a permitted extension cable.
   Note: See chapter *Technical data* for the permitted lengths and cross-section areas of extension cables.
2. Insert the plug into the plug receptacle.

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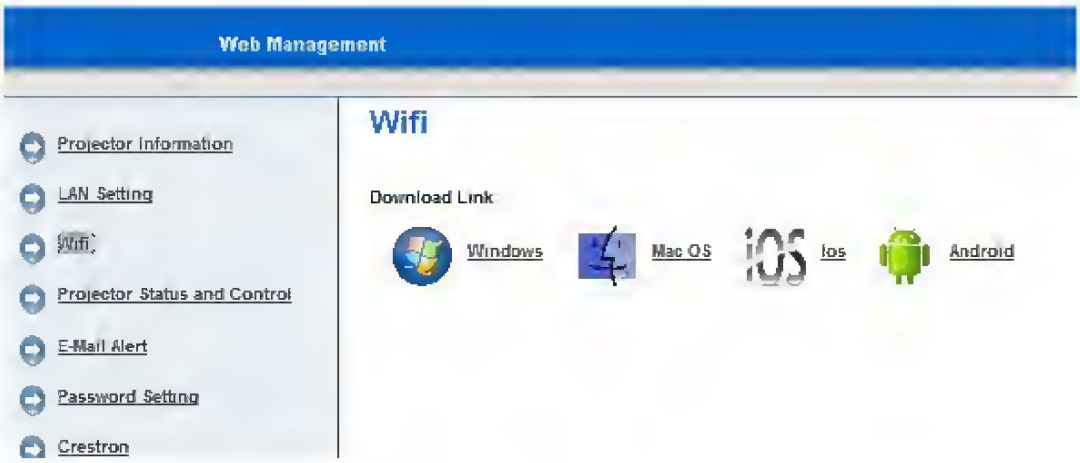
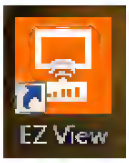


Step 2: Execute EZView on device as below icon.



on PC or Laptop,

on tablet or smart phone.

EZView on PC or Laptop

Step 1: Enter the IP address. (choose either from Wi-Fi or LAN connection)

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Troubleshooting

If something seems to be wrong with your DVD player, first check the items in the table below.

General

The power does not turn on.
- Connect the AC adaptor correctly or insert the battery pack correctly. (page 6-9)
- Check that POWER switch is not set to HOLD. (page 11)
- The power cannot be turned on by POWER of the remote control.

The power automatically turns off.
- In stop mode, the unit automatically enters the power saving mode after 5 minutes when using with the AC adaptor, and using with the battery pack (Auto power saving). (page 11)
  Press ►(Play) to turn on the power again.

Buttons on the main unit or on the remote control do not function.
- In some discs, the operation may be prohibited.
- Check that POWER switch is not set to HOLD. (page 11)

The unit does not work correctly.
- Remove the AC adaptor and the rechargeable battery, then attach them again.

The unit is warmed during playback.
- This is not a malfunction.

You do not remember the code number set in "Ratings".
- Reset this unit as follows to restore the default condition.
  When the disc cover is open, press the buttons shown below on the remote control in the following order.

  ■ → TITLE → RETURN → Q SURROUND

Sound and picture

No sound comes out from the connected speakers.
- Check if the connection is correct. (page 40)
- Check that "LInE In" is not displayed in the display window.

No picture appears on the TV screen.
- Check if the connection is correct. (page 38)
- Set the input switch on the TV set to "video".
- Check that "LInE In" is not displayed in the display window.

No picture appears on the liquid crystal display when the video camera is connected.
- Check if the connection is correct. (page 42)
- Check that the video camera is turned on.
- Check that "LInE In" is displayed in the display window. (page 42)
- Check that the display mode of the liquid crystal display is not set to off. (page 14)

The picture of the TV set connected to the VIDEO jacks is not stable.
- Check that the PAL/NTSC switch on the right side of this unit is set to match the color system of the TV set. (page 38)

Pictures are distorted during forward/ backward search.
- This is not a malfunction.

The liquid crystal display
- For the liquid crystal display of this unit, high quality wide screen liquid crystal, composed of 280 thousand pixels. Sometimes a few of pixels may appear black or some other color due to the property of the liquid crystal parts, but this is not a malfunction.

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Guidelines (continued):

- Pressing Delete when changing a closing time will tell the system that no closing will occur for that schedule that day (up to midnight). Use this to tell the system when there is an early morning closing the next day. You must also program a 12:00 AM opening and a closing time (i.e., 3:00 AM) the next day.
- If your schedule is unpredictable, you may need to program a No Close time period. Upon opening the group, a timer can be preset with a number of hours and minutes you will be open that day. A closing timer will start when 20 minutes remain. A closing warning will start when only 5 minutes remain. If the warning and reminder are ignored, and the group is not closed, a No Close signal will be sent to the ADT Customer Monitoring Center. To program a No Close time, first select the second schedule for the desired day. Second, delete the second opening time by pressing Change, Open time, Delete. Third, enter the number of hours and minutes you will be open on that day as the second closing time. For example, if you want two hours and 30 minutes, press Change, Close time, 0, 2, 3, 0, AM. Repeat the procedure for each day that this feature is desired.
- AM is used for less than 12 hours. If 12 to 24 hours is desired, subtract 12 hours from the desired length of time, enter the remainder, and press PM. For example, if you want 14 hours and 20 minutes, press Change, Close time, 0, 2, 2, 0, PM.
- The No Close time will take effect only when the group is opened. If you want the new time to take effect NOW, first turn on the group and then turn it off.
- The programming of the first schedule for each day is optional. If you do program the first schedule, openings outside the schedule can be restricted. For example, a first schedule opening time of 5:00 AM and a first schedule close time of 10:00 PM may restrict certain users from midnight to 5AM and from 10PM to midnight. Persons who open anytime will be required to close the group in the specified time period entered in the second close schedule as specified above.

Changing Auto On/Off Schedule

Your FOCUS® 200 PLUS security system can accommodate an Auto On/Off feature. If enabled, the Auto On/Off feature enables your system to automatically turn itself on and off according to the daily operating schedule (permanent or temporary) that you have assigned. **The Auto On/Off feature is automatically deleted on holidays and can be cancelled by deleting a schedule.**

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Removing a Hard Drive

To remove a 3.5-inch hard drive:

1. Follow the steps in "Removing the Access Panel" earlier in this chapter.
2. Disconnect the power and data cables from the back of all devices in the hard drive compartment.

Figure 3-7 shows cable removal procedures for SCSI models.

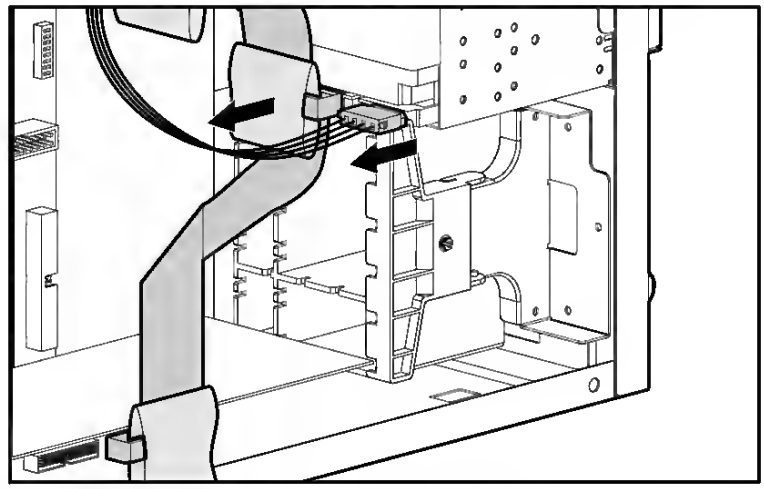

Figure 3-7. Disconnecting the hard drive cables (SCSI model)

Figure 3-8 shows cable removal procedures for ATA models.

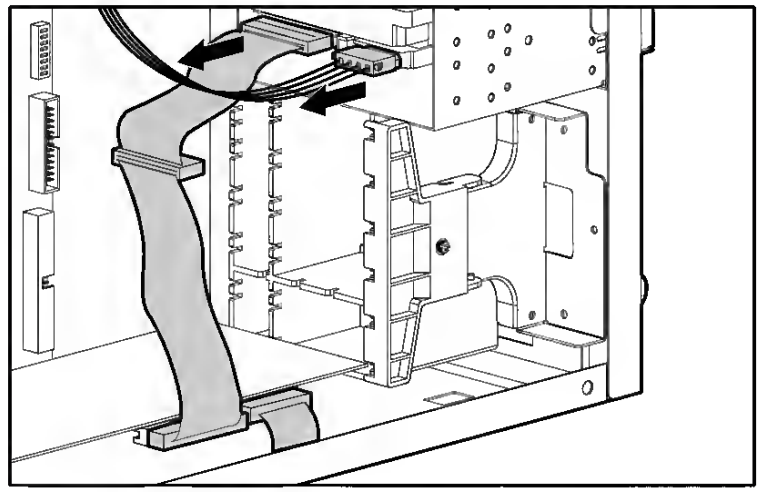

Figure 3-8. Disconnecting the hard drive cables (ATA model)

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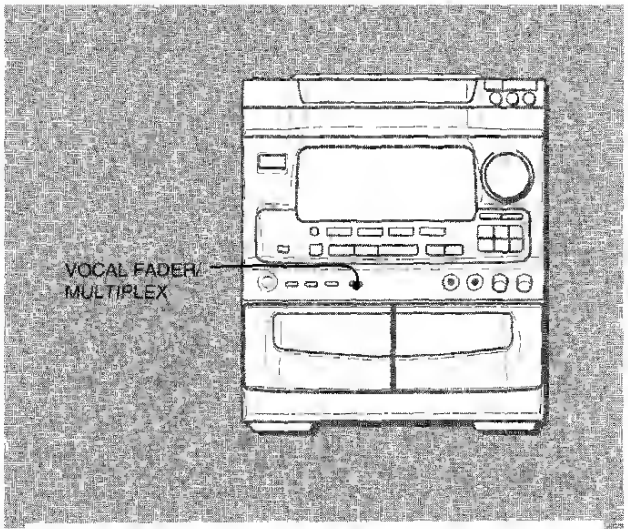
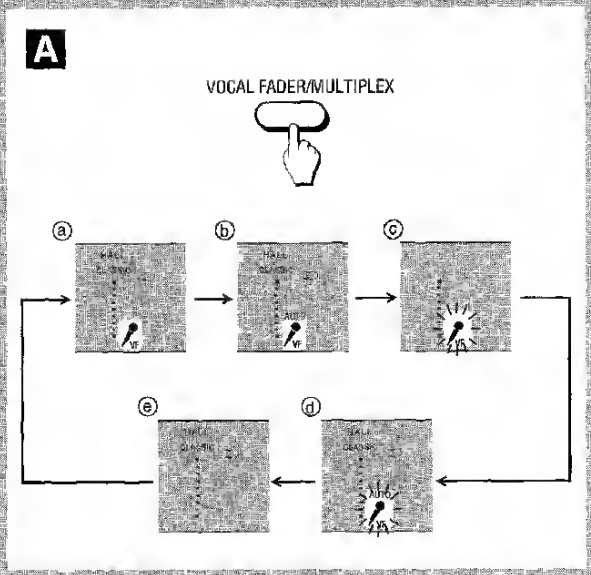
VOCAL FADER/MULTIPLEX FUNCTION





This unit can use discs or tapes as Karaoke sources.

VOCAL FADER/AUTO VOCAL FADER function
The VOCAL FADER function makes the singer's voice on **ordinary discs or tapes** softer than the accompaniment. In the AUTO VOCAL FADER function, the VOCAL FADER operates only while there is audio input through a microphone.

MULTIPLEX/AUTO MULTIPLEX function
The MULTIPLEX function mutes the vocal part on **multi audio discs or tapes,** so that the accompaniment is output through both speakers. In the AUTO MULTIPLEX function, the MULTIPLEX operates only while there is audio input through a microphone.

Press the VOCAL FADER/MULTIPLEX button repeatedly to select the function.
Each time it is pressed, the function can be selected cyclically.
→ A
ⓐ VOCAL FADER
ⓑ AUTO VOCAL FADER
ⓒ MULTIPLEX
ⓓ AUTO MULTIPLEX
ⓔ Cancel

Multi audio discs and tapes
The MULTIPLEX function is designed to work with multi audio discs and tapes which have the vocal part on the right channel and the accompaniment on the left channel.

NOTE

- The VOCAL FADER function may not operate correctly with the following kinds of CDs or tapes.
  - Those with monaural sound
  - Those recorded with strong echoes
  - Those with the vocal part recorded on the right or left side of the sound width
- While the VOCAL FADER function is on, the sound is output as monaural.

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Tests are used to control the activation of loopbacks, the initiation of data test patterns, and self test execution.

1)LOCAL LOOPBK, Submenu of 4)TEST

Four choices are available for setting the local loopback:

NO LOOPBACK	Deactivates the loopback
DTE ON	Activates the DTE loopback
LINE ON	Activates the line loopback
PAYLOAD ON	Activates the payload loopback

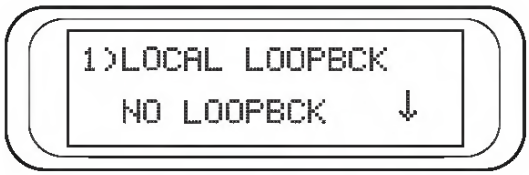

Figure 3-20. Local Loopback Test Screen

2)REM LB, Submenu of 4)TEST

Activates the same loopbacks as the LOCAL LOOPBCK but at the far end. This uses either the inband loop-up code as specified by AT&T 62411 for line loopback (ATT In-Band LLB), or the FDL as specified in ANSI T1.403 for line loopback codes. An FDL (formerly TABS) maintenance message corresponding to AT&T TR54016 can be used for payload loopback as well:

NO LOOPBACK	Deactivates the loopback.
AT&T INBAND LLB	Activates the line loopback using inband code.
ANSI FDL LLB	Initiates the transmission of an FDL line loop-up code toward the far end.
AT&T FDL PLB	Initiates the transmission of the PLB maintenance messages on the FDL.

When a loopback method is selected, the T1 ESF CSU ACE displays LOOPING in the top right corner of the LCD and the yellow LOOPBACK LED is turned on. When the T1 ESF CSU ACE determines that the far-end T1 ESF CSU ACE has looped up, the T1 ESF CSU ACE displays LOOPED. If the T1 ESF CSU ACE does not recognize the remote T1 ESF CSU ACE looped up after about 10 seconds, the T1 ESF CSU ACE sends the appropriate loop-down code and displays FAILED, and the LOOPBACK LED is turned off.

Excessive errors on the T1 line can cause this failure. The FDL loopbacks fail if the FDL is not intact from one end point to the other. FDL loopbacks are valid only in the ESF framing mode.

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WARNING concerning stationary images on the TV
Screen: Do not leave fixed images on the screen for extended periods of time. This can cause uneven aging of the LCD panel. Normal use of the TV should involve viewing of programs that have constantly moving or changing images. Do not leave moving images on screen for extended periods of time. Do not display the same images too frequently; if you do, subtle "ghost" images can be left on the LCD screen. Sources of stationary images may be Laser discs, video games, Compact Discs Interactive (CD-i), paused Digital Video Discs (DVDs) or video tapes.

Here are some common examples of stationary images:
- DVD menus list DVD content.
- Letter box black bars that appear at the top and bottom of the TV screen when a wide screen (16:9) movie is viewed on a TV with standard (4:3) aspect ratio. This occurs with some DVDs.
- Video game images and scoreboards
- Television station logos cause a problem if they are bright and stationary. Moving or low-contrast graphics are less likely to damage the picture tube.
- Stock market tickers may appear at the bottom of the TV screen if the TV programming covers this news.
- Shopping channel logos, pricing displays may be bright and may appear constantly during the show. These usually appear in the same location on the TV screen.

TV Location
- To avoid cabinet warping, cabinet color changes, and an increased chance of TV failure, do not place the TV where temperatures can become excessively hot -- for example, in direct sunlight or near a heating appliance.
- Allow a free flow of air around the TV.

Cleaning
- To avoid possible shock hazard, remove the TV's power cord from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, non-scratching duster.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Occasionally vacuum the vents on the rear of the TV.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet. They may permanently blemish the cabinet.

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tester should read 20 grams, ±2 grams. Read tester with respect to top of fluted ring (Figure 5-8).

d. If pressure adjustment is required, turn adjusting screw (Figure 5-8).

CAUTION

DO NOT ATTEMPT TO BEND STYLUS.

e. If stylus pressure cannot be adjusted, replace stylus (Paragraph 5-35), but only after observing whether stylus is properly mounted, and that pivot arm and retaining clip are locked on.

5-32. STYLUS CENTER ADJUSTMENT. Use the following procedure to center the writing stylus in its chart channel:

a. Run chart paper at 25 mm/sec to find correct position on table. Unplug galvanometer cable to permit true mechanical centering.

b. Loosen pivot arm clamp screw (Figure 5-10), but only enough so pivot arm moves on galvanometer upper suspension with a little resistance.

c. Position stylus on channel mechanical center. Run chart paper to check stylus position, and correct if necessary.

d. Slide pivot arm so its upper surface is flush with top of upper coil shaft (Figure 5-10). Tighten pivot arm clamp screw firmly.

CAUTION

USE A SHARP-CORNERED ALLEN WRENCH THAT WILL STAY IN SET SCREW HOLE WITHOUT APPLYING SIDE PRESSURE. DO NOT APPLY EXCESSIVE SIDE PRESSURE.

e. Reconnect galvanometer cable to transfer board assembly.

5-33. STYLUS PARALLAX ADJUSTMENT. When the stylus has proper parallax, the tail pivot and the stylus tip are on the same line as the chart channel centerline, with the result that square waves drawn by the stylus are exactly parallel to the chart time lines. To adjust the stylus parallax:

a. Loosen two screws indicated in Figure 5-8 and move stylus tail pivot into proper position. Tighten both screws snug but not tight.

b. Test for parallax by moving stylus gently with finger pressure, upscale and downscale, and observing whether stylus markings are parallel to time lines, ±0.1 mm across width of each channel.

c. When adjustment is complete, tighten tail pivot screws.

5-34. CHANNEL TIME SYNCHRONIZATION. When all channels are synchronized with respect to time, all styli fall on the same time line of the recording chart, ±0.25 mm over the width of the entire recording chart. Stylus parallax may have to be readjusted (Paragraph 5-33) after synchronizing channels since galvanometer adjusting screws may have some side play. If necessary, the galvanometers can be lined up as follows:

a. Remove chart paper.

b. With a long Pozidriv screwdriver, loosen 2 galvanometer hold-down screws in each misaligned channel just enough so galvanometer can be moved with adjustment screw (Figure 5-9).

c. Adjust with adjustment screws until traces all fall on same time line. This adjustment is by trial and error since chart paper will interfere witb adjustment.

5-35. STYLUS REMOVAL AND REPLACEMENT. The stylus is attached to the galvanometer pivot arm with a sliding retainer.

CAUTION

CONSIDERABLE CAUTION IS REQUIRED IN REMOVING STYLUS SINCE IT IS EASILY BENT IN VERTICAL PLANE ALTHOUGH IT IS EXTREMELY STIFF HORIZONTALLY.

To remove the stylus, perform the following procedure (Figure 5-10):

a. Using long nosed pliers and *obtaining some leverage to limit travel of the pull*, remove two heater wires from pins on galvanometer.

b. Push retaining clip on pivot arm forward, toward Recorder front, as shown.

c. Grip stylus between center attaching pin and tail pivot.

d. Carefully lift stylus free of pivot arm and tail pivot while rocking stylus from side to side.

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TH-K4AT/K4E SCHEMATIC DIAGRAM